

**N080W-CRTRG(1 .1 LBS-0.485KG)
ACRYLIC CAULK**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Daytona Plant
703 South Street
New Smyrna Beach FL 32168

Revised: 08/07/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Acrylic Latex Caulk
Formula: Mixture

HMIS
Flammability: 1 Reactivity: 0 Health: 2

NFPA
Flammability: 1 Reactivity: 0 Health: 2

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Irritating to eyes, respiratory system and skin. Harmful by inhalation, in contact with skin and if swallowed. May cause allergic skin reaction. May cause central nervous system depression. Refer to other MSDS sections for detailed information.

Form: Solid Color: White Odor: Trace Ammonia

POTENTIAL HEALTH EFFECTS

INGESTION

May be harmful if swallowed. Irritation of the mouth, throat, and stomach. May cause kidney damage. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

SKIN

May be absorbed through skin and produce effects as listed under "Ingestion". Can cause irritation and reddening of the skin.

INHALATION

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Avoid inhalation of vapour or mist.

EYES

Contact can cause severe irritation and conjunctivitis (redness and swelling).

MEDICAL CONDITIONS AGGRAVATED

Central nervous system disorders. Pre-existing skin or respiratory diseases. Kidney disorders

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ACRYLIC CAULK**

SUBCHRONIC (TARGET ORGAN)

Respiratory system; Kidney; Central nervous system

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Inhalation; Dermal; Eyes; Ingestion

3. COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION

CAS REG NO.

WGT. %

A. HAZARDOUS

Ethylene Glycol	107-21-1	< 1 %
Diisooheptyl phthalate	71888-89-6	0% - 10 %
Butyl benzyl phthalate	85-68-7	0% - 10 %
STODDARD SOLVENT	8052-41-3	1 - 5 %

B. NON-HAZARDOUS

Limestone	471-34-1	30 - 60 %
Water	7732-18-5	10 - 30 %
2-Propenoic acid, Butyl ester,- Polymer with Ethenyl Acetate	25067-01-0	10 - 30 %
2-propenoic acid, polymer	52640-81-0	1 - 5 %

4. FIRST AID MEASURES

INGESTION

Immediate medical attention is required. Do NOT induce vomiting. If victim is conscious, give 2-4 glasses of water.

SKIN

Wash off with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation or symptoms from Section 3 develop. Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains.

INHALATION

Get medical attention if irritation or symptoms from Section 3 develop. If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-

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mouth contact. Remove to fresh air.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	> 93.3 °C; 200 °F. estimated
IGNITION TEMPERATURE:	Unknown
FLAMMABLE LIMITS IN AIR - LOWER (%):	Unknown
FLAMMABLE LIMITS IN AIR - UPPER (%):	Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Keep out of water supplies and sewers.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Keep away from children. Keep container tightly closed. Keep container dry. Do not inhale vapors. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Store between 40 F and 120 F. Product releases formaldehyde during curing.

Nexicor
8485 Broadwell Road
Cincinnati, Ohio 45208

Material Safety Data Sheet

Version: 1.9
08/07/2008

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Showers

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Impermeable or chemical resistant gloves.

EYE AND FACE PROTECTION

Safety glasses with side-shields; Monogoggles.

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
STODDARD SOLVENT	8052-41-3	ACGIH, TWA	100 ppm
STODDARD SOLVENT	8052-41-3	OSHA Z1, PEL	500 ppm; 2,900 mg/m ³

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	100.00 °C; 212 °F
VAPOR PRESSURE (20 C) (MM HG):	Unknown
VAPOR DENSITY (AIR=1):	No data available
FREEZING POINT:	Unknown
MELTING POINT:	Unknown
PHYSICAL STATE:	Solid
ODOR:	Trace Ammonia
COLOR:	White
EVAPORATION RATE (BUTYL ACETATE=1):	Unknown

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ACRYLIC CAULK**

SPECIFIC GRAVITY (WATER=1):	1.61
DENSITY:	Unknown
pH:	ca. 8.0
VOLATILE ORGANIC CONTENT (VOL):	17.47 %(m)
SOLUBILITY IN WATER (20 C):	Unknown
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Unknown
VOC EXCL. H2O & EXEMPTS (G/L):	60.90

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Oxides of nitrogen.; Toxic monomer fumes.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

Unknown

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

OTHER

This product contains ethylene glycol. Ethylene glycol produces birth defects in laboratory animals. There is currently no evidence that ethylene glycol has caused birth defects in humans. The major route for producing developmental toxicity is perorally. Exposure to high aerosol concentrations is marginally effective at most. Cutaneous application of ethylene glycol is ineffective in producing developmental toxicity in laboratory animals.

SENSITIZATION

No data available

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SKIN IRRITATION

No data available

EYE IRRITATION

No data available

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

This product contains butyl benzyl phthalate. Adverse reproductive effects have been reported in animals exposed to butyl benzyl phthalate through chronic feeding studies. Additionally, chronically fed rats exhibited leukemia and lymphomas, including Hodgkin's disease.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No data available

DISTRIBUTION

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

**N080W 12C-CRTRG(1 .1 LBS-0.485KG)
ACRYLIC CAULK**

TSCA list	y (Positive listing)	
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	n (Negative listing)	
Canada NDSL Inventory	n (Negative listing)	
EU list of existing chemical substances	n (Negative listing)	
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)	
Canada DSL Inventory	y (Positive listing)	
Korea Existing Chemicals Inventory (KECI)		n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)		n (Negative listing)
China Inventory of Existing Chemical Substances	n (Negative listing)	

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS

107-13-1, Acrylonitrile 108-05-4, Vinyl Acetate 79-06-1, Acrylamide 50-00-0, Formaldehyde 75-21-8, Ethylene Oxide

CALIFORNIA PROPOSITION 65

WARNING! This product contains a chemical known in the State of California to cause cancer. 108-88-3, Toluene. 140-88-5, Ethyl Acrylate. 107-13-1, . 7439-92-1, Lead. 79-06-1, 2-Propenamide. 123-91-1, 1,4-Dioxane. 7440-02-0, Nickel. 50-00-0, Formaldehyde. 75-21-8, Ethylene Oxide.

Canadian Regulatory Information

WHMIS HAZARD CLASS

D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3214.10.00.10 Mastic based on rubber

ECCN: EAR99

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16. OTHER INFORMATION

OTHER

C = ceiling limit applicable
determined
recommended
parts per million

NEGL = negligible
UNKN = unknown
V = recommended by vendor
MST = mist
NT = not tested
ppb = parts per billion

EST = estimated
NE = none established
SKN = skin
By-product= reaction by-product,

NF = none found
REC = recommended
TS = trade secret
STEL = short term exposure limit

NA = not
ND = none
R =
ppm =

TSCA inventory status

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

**N181W 12C-Crtrg (1.1 Lbs-0.482 Kg)
ACRYLIC CAULK**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Eules Plant
10950 S. Pipeline Rd
Eules TX 76040

Revised: 03/13/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Sealant
Formula: Mixture

HMIS
Flammability: 0 Reactivity: 0 Health: 1

NFPA
Flammability: 0 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Harmful if swallowed, inhaled, or absorbed through the skin. Irritating to eyes, respiratory system and skin. May cause allergic skin reaction. May cause adverse liver, kidney, and CNS effects. May cause adverse cardiac effects. Adverse reproductive effects reported in animals.

Form: Solid Color: White Odor: Ammonia

POTENTIAL HEALTH EFFECTS

INGESTION

Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause central nervous system effects. May cause tingling and numbness in the hands and feet. May cause pneumonitis as a result of aspiration. Liver and kidney injuries may occur. May cause cardiopulmonary effects and possible hemorrhaging. May cause reproductive effects based on results of animal studies.

SKIN

Harmful if absorbed through the skin. May be absorbed through the skin and contribute to the symptoms listed under "Ingestion". Causes skin irritation. May cause skin defatting with prolonged exposure. May cause allergic skin reaction.

INHALATION

Harmful if inhaled. Causes irritation of the mouth, nose, and throat. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. May cause central nervous system effects. May affect the heart and cardiovascular system. May also cause other effects as listed under "Ingestion".

EYES

Irritation with redness, swelling, pain, and tearing.

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MEDICAL CONDITIONS AGGRAVATED

Respiratory disorder Central nervous system disorders. Skin disorders. Cardiovascular disorders.
Pre-existing liver or kidney disorders.

SUBCHRONIC (TARGET ORGAN)

Skin; Liver; Kidney; Central nervous system; Heart effects.; Bone marrow and hematopoietic
(blood forming) system

CHRONIC EFFECTS / CARCINOGENICITY

This product contains stoddard solvent or mineral spirits. Chronic and repeated overexposure
may result in adverse liver and kidney effects, bone marrow hyperplasia, and intracerebral
hemorrhage.

ROUTES OF EXPOSURE

Dermal; Inhalation; Ingestion

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
A. HAZARDOUS		
ETHANEDIOL	107-21-1	< 1 %
Diisooheptyl phthalate	71888-89-6	5 - 10 %
STODDARD SOLVENT	8052-41-3	1 - 5 %
Butyl benzyl phthalate	85-68-7	>= 5% - <= 10 %
B. NON-HAZARDOUS		
Limestone	471-34-1	30 - 60 %
Water	7732-18-5	10 - 30 %
2-propenoic acid, polymer	52640-81-0	10 - 30 %
2-Propenoic acid, Butyl ester,- Polymer with Ethenyl Acetate	25067-01 -0	1 - 5 %

4. FIRST AID MEASURES

INGESTION

Do NOT induce vomiting. To avoid aspiration should vomiting occur, have the person lean
forward. Immediate medical attention is required. If victim is conscious, give 2-4 glasses of water.
Never induce vomiting unless specifically directed by qualified medical personnel. Never give
anything by mouth to an unconscious person.

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ACRYLIC CAULK**

SKIN

Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains. Wash with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION

Move to fresh air. If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	> 93.3 °C; 200 °F
METHOD:	estimated
IGNITION TEMPERATURE:	Not applicable
FLAMMABLE LIMITS IN AIR - LOWER (%):	Not applicable
FLAMMABLE LIMITS IN AIR - UPPER (%):	Not applicable

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable. None

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Keep out of water supplies and sewers.

**N181W 12C-Crtrg (1.1 Lbs-0.482 Kg)
ACRYLIC CAULK**

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Avoid contact with skin and eyes. Use only in well-ventilated areas. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Keep container closed when not in use. Keep away from children.

STORAGE

Store away from heat, sources of ignition, and incompatibles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Showers; Eyewash stations; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Neoprene

EYE AND FACE PROTECTION

Monogoggles.; Safety glasses with side-shields

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
STODDARD SOLVENT	8052-41-3	ACGIH, TWA	100 ppm
STODDARD SOLVENT	8052-41-3	OSHA Z1, PEL	500 ppm; 2,900 mg/m3
Titanium Dioxide	13463-67-7	ACGIH, TWA	10 mg/m3
Titanium Dioxide	13463-67-7	OSHA Z1, PEL	Total dust. 15 mg/m3
QUARTZ	14808-60-7	OSHA Z1, PEL	Respirable fraction. 5 mg/m3
QUARTZ	14808-60-7	OSHA Z1, PEL	Total dust. 15 mg/m3
QUARTZ	14808-60-7	ACGIH, TWA	Respirable fraction. 0.025 mg/m3
STODDARD	8052-41-3	ACGIH, TWA	100 ppm

Nexicor
8485 Broadwell Road
Cincinnati, Ohio 45244

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SOLVENT			
STODDARD SOLVENT	8052-41-3	OSHA Z1, PEL	500 ppm; 2,900 mg/m3

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	Not applicable
VAPOR PRESSURE (20 C) (MM HG):	Not applicable
VAPOR DENSITY (AIR=1):	Not applicable
FREEZING POINT:	Not applicable
MELTING POINT:	Not applicable
PHYSICAL STATE:	Solid
ODOR:	Ammonia
COLOR:	White
SPECIFIC GRAVITY (WATER=1):	Unknown
DENSITY:	Unknown
ACID / ALKALINITY (MEQ/G):	Not applicable
pH:	Unknown
VOLATILE ORGANIC CONTENT (VOL):	16.56 %(m)
SOLUBILITY IN WATER (20 C):	Unknown
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Unknown
VOC EXCL. H2O & EXEMPTS (G/L):	64.60

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Oxides of nitrogen.; Toxic monomer fumes.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

Unknown

**N181W 12C-Crtrg (1.1 Lbs-0.482 Kg)
ACRYLIC CAULK**

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

OTHER

None.

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

This product contains butyl benzyl phthalate. Adverse reproductive effects have been reported in animals exposed to butyl benzyl phthalate through chronic feeding studies. Additionally, chronically fed rats exhibited leukemia and lymphomas, including Hodgkin's disease.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Ecotoxicological data for this product is not available.

DISTRIBUTION

No data available

CHEMICAL FATE

No data available

**N181W 12C-Crtrg (1.1 Lbs-0.482 Kg)
ACRYLIC CAULK**

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

TSCA list	y (Positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	n (Negative listing)
Canada NDSL Inventory	n (Negative listing)
EU list of existing chemical substances	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)
Canada DSL Inventory	y (Positive listing)
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS

107-13-1, Acrylonitrile 108-05-4, Vinyl Acetate 79-06-1, Acrylamide 50-00-0, Formaldehyde 75-21-8, Ethylene Oxide

CALIFORNIA PROPOSITION 65

WARNING! This product contains a chemical known in the State of California to cause cancer. 140-88-5, Ethyl Acrylate. 107-13-1, . 7439-92-1, Lead. 79-06-1, 2-Propenamide. 123-91-1, 1,4-Dioxane. 50-00-0, Formaldehyde. 75-21-8, Ethylene Oxide.

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Canadian Regulatory Information

WHMIS HAZARD CLASS

D2B TOXIC MATERIALS

Other

ECCN: EAR99

16. OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).

**N183C 12C-Crtrg (0.730 Lbs-0.331 Kg)
Silicone Rubber Sealant**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Waterford Plant
260 Hudson River Rd
Waterford NY 12188

Revised: 8/12/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Sealant
Formula: Mixture

HMIS
Flammability: 1 Reactivity: 0 Health: 1

NFPA
Flammability: 1 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! May be harmful if swallowed, inhaled or absorbed through skin. Irritating to eyes, respiratory system and skin. May cause central nervous system depression.

Form: Solid Color: Translucent Odor: Acetic acid

POTENTIAL HEALTH EFFECTS

INGESTION

May be harmful if swallowed. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

SKIN

Uncured product contact will irritate lips, gums and tongue. Skin irritation is possible after contact with the uncured product. May be absorbed through skin and produce effects as listed under "Ingestion".

INHALATION

Causes mild respiratory tract irritation. Applies in uncured state. May also cause other effects as listed under "Ingestion".

EYES

Eye irritation on contact with the uncured product.

MEDICAL CONDITIONS AGGRAVATED

Pre-existing skin or respiratory diseases.

SUBCHRONIC (TARGET ORGAN)

Central nervous system; Skin

**N183C 12C-Crtrg (0.730 Lbs-0.331 Kg)
Silicone Rubber Sealant**

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Inhalation; Eyes; Dermal; Oral.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
A. HAZARDOUS		
DISTILLATES, PETROLEUM, HYDROTREATED	64742-47-8	10 - 30 %
METHYLTRACETOXYSILANE	4253-34-3	1 - 5 %
B. NON-HAZARDOUS		
Dimethylpolysiloxane	70131-67-8	60 - 90 %
Treated Filler	68611-44-9	5 - 10 %

4. FIRST AID MEASURES

INGESTION

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SKIN

Wash with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

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Silicone Rubber Sealant**

5. FIRE-FIGHTING MEASURES

FLASH POINT:	> 93.3 °C; 200 °F
METHOD:	estimated
IGNITION TEMPERATURE:	No data available
FLAMMABLE LIMITS IN AIR - LOWER (%):	Unknown
FLAMMABLE LIMITS IN AIR - UPPER (%):	Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE
Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA
All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Avoid contact with skin, eyes and clothing. Keep away from children. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Product releases acetic acid during application and curing.

STORAGE
Store at room temperature in the original container. Keep container closed.

**N183C 12C-Crtrg (0.730 Lbs-0.331 Kg)
Silicone Rubber Sealant**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Showers; Exhaust ventilation

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Cloth gloves.

EYE AND FACE PROTECTION

Safety glasses with side-shields

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	Not applicable
VAPOR PRESSURE (20 C) (MM HG):	Unknown
VAPOR DENSITY (AIR=1):	No data available
FREEZING POINT:	Not applicable
MELTING POINT:	Not applicable
PHYSICAL STATE:	Solid
ODOR:	Acetic acid
COLOR:	Translucent
EVAPORATION RATE (BUTYL ACETATE=1):	< 1
SPECIFIC GRAVITY (WATER=1):	ca. 1.05
DENSITY:	ca. 1.050 g/cm ³
ACID / ALKALINITY (MEQ/G):	No data available
pH:	Not applicable
VOLATILE ORGANIC CONTENT (VOL):	2.8 %(m)
SOLUBILITY IN WATER (20 C):	Insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE)	Soluble in toluene

Nexicor
8485 Broadwell Road
Cincinnati, Ohio

Material Safety Data Sheet

Version: 1.7
8/12/2008

N183C 12C-Crtrg (0.730 Lbs-0.331 Kg) Silicone Rubber Sealant

SOLVENT):
VOC EXCL. H2O & EXEMPTS (G/L): ca. 36

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Silicon dioxide.; Acetic acid; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

OTHER

No data available

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available

**N183C 12C-Crtrg (0.730 Lbs-0.331 Kg)
Silicone Rubber Sealant**

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

Acetic acid released during curing.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No data available

DISTRIBUTION

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

Canada NDSL Inventory	n (Negative listing)
TSCA list	y (Positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	y (Positive listing)
Korea Existing Chemicals Inventory (KECI)	y (Positive listing)
Australia Inventory of Chemical Substances (AICS)	y (Positive listing)

Material Safety Data Sheet

Version: 1.7
8/12/2008

N183C 12C-Crtrg (0.730 Lbs-0.331 Kg) Silicone Rubber Sealant

EU list of existing chemical substances y (Positive listing)
China Inventory of Existing Chemical Substances y (Positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS) y (Positive listing)
Canada DSL Inventory q (quantity restricted)
For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Chronic Health Hazard Acute Health Hazard

SARA (313) CHEMICALS

58-36-6, 10, 1 0'-oxybisphenoxarsine

Canadian Regulatory Information

WHMIS HAZARD CLASS

D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3214.10.00.10 Mastic based on rubber

ECCN: EAR99

16. OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).

**N184A 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Daytona Plant
703 South Street
New Smyrna Beach FL 32168

Revised: 04/24/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Acrylic Latex Caulk
Formula: Mixture

HMIS

Flammability: 0 Reactivity: 0 Health: 1

NFPA

Flammability: 0 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! Irritating to eyes, respiratory system and skin. May cause adverse nerve and muscular effects. Refer to other MSDS sections for detailed information.

Form: Solid Color: White Odor: Ammonia

POTENTIAL HEALTH EFFECTS

INGESTION

May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

SKIN

Can cause irritation and reddening of the skin.

INHALATION

Avoid inhalation of vapour or mist. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

EYES

Causes eye irritation.

MEDICAL CONDITIONS AGGRAVATED

None known.

SUBCHRONIC (TARGET ORGAN)

None known.

**N184A 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Inhalation; Dermal; Eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
A. HAZARDOUS		
2-(2-Methoxyethoxy)ethanol,	111-77-3	1 - 5 %
B. NON-HAZARDOUS		
Water	7732-18-5	30 - 60 %
Vendor Trade secret-Acrylic Polymer	-	10 - 30 %
Limestone	471-34-1	10 - 30 %
Styrene, Butyl Acrylate, 2-Ethyl-Hexyl Acrylate, Methyl Methacrylate	82539-93-3	10 - 30 %

4. FIRST AID MEASURES

INGESTION

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SKIN

Wash off with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**N184A 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 93.3 °C; 200 °F
METHOD: estimated
IGNITION TEMPERATURE: Unknown
FLAMMABLE LIMITS IN AIR - LOWER (%): Unknown
FLAMMABLE LIMITS IN AIR - UPPER (%): Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE
Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA
All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Keep out of water supplies and sewers.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Do not inhale vapors. Avoid contact with skin and eyes. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Keep container tightly closed. Keep away from children.

**N184A 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Showers

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Neoprene

EYE AND FACE PROTECTION

Safety glasses with side-shields; Monogoggles.

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9.PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	100.00 °C; 212 °F
VAPOR PRESSURE (20 C) (MM HG):	Unknown
FREEZING POINT:	Unknown
MELTING POINT:	Unknown
PHYSICAL STATE:	Solid
ODOR:	Ammonia
COLOR:	White
SPECIFIC GRAVITY (WATER=1):	ca. 1.22
DENSITY:	ca. 1.227 g/cm3
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	7.7 - 8.1
VOLATILE ORGANIC CONTENT (VOL):	Unknown
SOLUBILITY IN WATER (20 C):	Unknown
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Unknown

**N184A 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

VOC EXCL. H2O & EXEMPTS (G/L): 32.95

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Oxides of nitrogen.; Toxic monomer fumes.; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

Unknown

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: NONE FOUND

ACUTE DERMAL

Remarks: NONE FOUND

ACUTE INHALATION

Remarks: NONE FOUND

OTHER

None.

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

None known.

**N184A 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

TSCA list	y (Positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (Positive listing)
Canada DSL Inventory	y (Positive listing)
China Inventory of Existing Chemical Substances	n (Negative listing)
Canada NDSL Inventory	n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive .

Material Safety Data Sheet

Version: 1.3
07/24/2008

N184A 5TG-TUBE(0.439LBS-0.199KG) Acrylic Caulk

US Regulatory Information

CERCLA

Reportable quantity: 1233 lbs

<u>PRODUCT COMPOSITION</u>	<u>Chemical</u>	<u>CERCLA Reportable Quantity</u>
	10605-21-7	Reportable quantity: 1 LBS

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS

CALIFORNIA PROPOSITION 65

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

79-06-1, 2-Propenamide. 7439-92-1, Lead. 140-88-5, Ethyl Acrylate. 872-50-4, N-METHYL PYRROLI DIN ONE. 108-88-3, Toluene. 75-21-8, Ethylene Oxide. 50-00-0, Formaldehyde. 71-43-2, Benzene. 7440-02-0, Nickel. 123-91 -1, 1,4-Dioxane.

Canadian Regulatory Information

WHMIS HAZARD CLASS

D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3214.10.00.10 Mastic based on rubber

16. OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).

**N184W 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Daytona Plant
703 South Street
New Smyrna Beach FL 32168

Revised: 04/24/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Acrylic Latex Caulk
Formula: Mixture

HMIS
Flammability: 0 Reactivity: 0 Health: 1

NFPA
Flammability: 0 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! Irritating to eyes, respiratory system and skin. May cause adverse nerve and muscular effects. Refer to other MSDS sections for detailed information.

Form: Solid Color: White Odor: Ammonia

POTENTIAL HEALTH EFFECTS

INGESTION

May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

SKIN

Can cause irritation and reddening of the skin.

INHALATION

Avoid inhalation of vapour or mist. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

EYES

Causes eye irritation.

MEDICAL CONDITIONS AGGRAVATED

None known.

SUBCHRONIC (TARGET ORGAN)

None known.

**N184W 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Inhalation; Dermal; Eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
A. HAZARDOUS		
2-(2-Methoxyethoxy)ethanol,	111-77-3	1 - 5 %
B. NON-HAZARDOUS		
Water	7732-18-5	30 - 60 %
Vendor Trade secret-Acrylic Polymer	-	10 - 30 %
Limestone	471-34-1	10 - 30 %
Styrene, Butyl Acrylate, 2-Ethyl- Hexyl Acrylate, Methyl Methacrylate	82539-93-3	10 - 30 %

4. FIRST AID MEASURES

INGESTION

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SKIN

Wash off with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**N184W 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 93.3 °C; 200 °F
METHOD: estimated
IGNITION TEMPERATURE: Unknown
FLAMMABLE LIMITS IN AIR - LOWER (%): Unknown
FLAMMABLE LIMITS IN AIR - UPPER (%): Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Keep out of water supplies and sewers.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not inhale vapors. Avoid contact with skin and eyes. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Keep container tightly closed. Keep away from children.

**N184W 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Showers

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Neoprene

EYE AND FACE PROTECTION

Safety glasses with side-shields; Monogoggles.

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
------------------	---------------	---------------	--------------

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9.PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	100.00 °C; 212 °F
VAPOR PRESSURE (20 C) (MM HG):	Unknown
FREEZING POINT:	Unknown
MELTING POINT:	Unknown
PHYSICAL STATE:	Solid
ODOR:	Ammonia
COLOR:	White
SPECIFIC GRAVITY (WATER=1):	ca. 1.22
DENSITY:	ca. 1.227 g/cm3
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	7.7 - 8.1
VOLATILE ORGANIC CONTENT (VOL):	Unknown
SOLUBILITY IN WATER (20 C):	Unknown
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Unknown

**N184W 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

VOC EXCL. H2O & EXEMPTS (G/L): 32.95

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Oxides of nitrogen.; Toxic monomer fumes.; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

Unknown

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: NONE FOUND

ACUTE DERMAL

Remarks: NONE FOUND

ACUTE INHALATION

Remarks: NONE FOUND

OTHER

None.

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

None known.

**N184W 5TG-TUBE(0.439LBS-0.199KG)
Acrylic Caulk**

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

TSCA list	y (Positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (Positive listing)
Canada DSL Inventory	y (Positive listing)
China Inventory of Existing Chemical Substances	n (Negative listing)
Canada NDSL Inventory	n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive .

Material Safety Data Sheet

Version: 1.3
07/24/2008

N184W 5TG-TUBE(0.439LBS-0.199KG) Acrylic Caulk

US Regulatory Information

CERCLA

Reportable quantity: 1233 lbs

<u>PRODUCT COMPOSITION</u>	<u>Chemical</u>	<u>CERCLA Reportable Quantity</u>
	10605-21-7	Reportable quantity: 1 LBS

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS

CALIFORNIA PROPOSITION 65

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

79-06-1, 2-Propenamide. 7439-92-1, Lead. 140-88-5, Ethyl Acrylate. 872-50-4, N-METHYL PYRROLI DIN ONE. 108-88-3, Toluene. 75-21-8, Ethylene Oxide. 50-00-0, Formaldehyde. 71-43-2, Benzene. 7440-02-0, Nickel. 123-91 -1, 1,4-Dioxane.

Canadian Regulatory Information

WHMIS HAZARD CLASS

D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3214.10.00.10 Mastic based on rubber

16. OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).

**N185W Kitchen & Bath 5TG-
TUBE(0.439LBS-0.199KG) Acrylic Caulk**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Daytona Plant
703 South Street
New Smyrna Beach FL 32168

Revised: 07/24/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Acrylic Latex Caulk
Formula: Mixture

HMIS
Flammability: 0 Reactivity: 0 Health: 1

NFPA
Flammability: 0 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! Irritating to eyes, respiratory system and skin. May cause adverse nerve and muscular effects. Refer to other MSDS sections for detailed information.

Form: Solid Color: White Odor: Ammonia

POTENTIAL HEALTH EFFECTS

INGESTION

May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

SKIN

Can cause irritation and reddening of the skin.

INHALATION

Avoid inhalation of vapour or mist. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

EYES

Causes eye irritation.

MEDICAL CONDITIONS AGGRAVATED

None known.

SUBCHRONIC (TARGET ORGAN)

None known.

**N185W Kitchen & Bath 5TG-
TUBE(0.439LBS-0.199KG) Acrylic Caulk**

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Inhalation; Dermal; Eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
A. HAZARDOUS		
2-(2-Methoxyethoxy)ethanol,	111-77-3	1 - 5 %
B. NON-HAZARDOUS		
Water	7732-18-5	30 - 60 %
Vendor Trade secret-Acrylic Polymer	-	10 - 30 %
Limestone	471-34-1	10 - 30 %
Styrene, Butyl Acrylate, 2-Ethyl- Hexyl Acrylate, Methyl Methacrylate	82539-93-3	10 - 30 %

4. FIRST AID MEASURES

INGESTION

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SKIN

Wash off with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**N185W Kitchen & Bath 5TG-
TUBE(0.439LBS-0.199KG) Acrylic Caulk**

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 93.3 °C; 200 °F
METHOD: estimated
IGNITION TEMPERATURE: Unknown
FLAMMABLE LIMITS IN AIR - LOWER (%): Unknown
FLAMMABLE LIMITS IN AIR - UPPER (%): Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Keep out of water supplies and sewers.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not inhale vapors. Avoid contact with skin and eyes. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Keep container tightly closed. Keep away from children.

**N185W Kitchen & Bath 5TG-
TUBE(0.439LBS-0.199KG) Acrylic Caulk**

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Showers

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Neoprene

EYE AND FACE PROTECTION

Safety glasses with side-shields; Monogoggles.

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9.PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	100.00 °C; 212 °F
VAPOR PRESSURE (20 C) (MM HG):	Unknown
FREEZING POINT:	Unknown
MELTING POINT:	Unknown
PHYSICAL STATE:	Solid
ODOR:	Ammonia
COLOR:	White
SPECIFIC GRAVITY (WATER=1):	ca. 1.22
DENSITY:	ca. 1.227 g/cm3
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	7.7 - 8.1
VOLATILE ORGANIC CONTENT (VOL):	Unknown
SOLUBILITY IN WATER (20 C):	Unknown
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Unknown

**N185W Kitchen & Bath 5TG-
TUBE(0.439LBS-0.199KG) Acrylic Caulk**

VOC EXCL. H2O & EXEMPTS (G/L): 32.95

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Oxides of nitrogen.; Toxic monomer fumes.; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

Unknown

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: NONE FOUND

ACUTE DERMAL

Remarks: NONE FOUND

ACUTE INHALATION

Remarks: NONE FOUND

OTHER

None.

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

None known.

**N185W Kitchen & Bath 5TG-
TUBE(0.439LBS-0.199KG) Acrylic Caulk**

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

TSCA list	y (Positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (Positive listing)
Canada DSL Inventory	y (Positive listing)
China Inventory of Existing Chemical Substances	n (Negative listing)
Canada NDSL Inventory	n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive .

Material Safety Data Sheet

Version: 1.3
07/24/2008

N185W Kitchen & Bath 5TG- TUBE(0.439LBS-0.199KG) Acrylic Caulk

US Regulatory Information

CERCLA

Reportable quantity: 1233 lbs

<u>PRODUCT COMPOSITION</u>	<u>Chemical</u>	<u>CERCLA Reportable Quantity</u>
	10605-21-7	Reportable quantity: 1 LBS

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS

CALIFORNIA PROPOSITION 65

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

79-06-1, 2-Propenamide. 7439-92-1, Lead. 140-88-5, Ethyl Acrylate. 872-50-4, N-METHYL PYRROLI DIN ONE. 108-88-3, Toluene. 75-21-8, Ethylene Oxide. 50-00-0, Formaldehyde. 71-43-2, Benzene. 7440-02-0, Nickel. 123-91 -1, 1,4-Dioxane.

Canadian Regulatory Information

WHMIS HAZARD CLASS

D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3214.10.00.10 Mastic based on rubber

16. OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).

**N585W 1 2C-CRTRG(0.807LBS-0.366KG)
Acrylic Caulk**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Euless Plant
10950 S. Pipeline Rd
Euless TX 76040

Revised: 08/03/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Sealant
Formula: Mixture

HMIS

Flammability: 0 Reactivity: 0 Health: 1

NFPA

Flammability: 0 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Stable Harmful by inhalation, in contact with skin and if swallowed. Refer to other MSDS sections for detailed information.

Form: Solid Color: white Odor: acrylic

POTENTIAL HEALTH EFFECTS

INGESTION

May be harmful if swallowed. Irritation of the mouth, throat, and stomach. May cause kidney damage. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

SKIN

May be absorbed through skin and produce effects as listed under "Ingestion". Can cause irritation and reddening of the skin.

INHALATION

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Avoid inhalation of vapour or mist.

EYES

Contact can cause severe irritation and conjunctivitis (redness and swelling).

MEDICAL CONDITIONS AGGRAVATED

Central nervous system disorders. Pre-existing skin or respiratory diseases. Kidney disorders

**N585W 1 2C-CRTRG(0.807LBS-0.366KG)
Acrylic Caulk**

SUBCHRONIC (TARGET ORGAN)

Respiratory system; Kidney; Central nervous system; Target organs include:

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Ingestion; Inhalation; Absorption through skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
A. HAZARDOUS		
ETHANEDIOLE	107-21-1	1 - 5 %
B. NON-HAZARDOUS		
Titanium Dioxide	13463-67-7	1 - 5 %
Limestone	471-34-1	10 - 30 %
Water	7732-18-5	30 - 60 %
Acrylic Polymer	-	30 - 60 %

4. FIRST AID MEASURES

INGESTION

Immediate medical attention is required. Do NOT induce vomiting. If victim is conscious, give 2-4 glasses of water.

SKIN

Wash off with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation or symptoms from Section 3 develop. Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains.

INHALATION

Get medical attention if irritation or symptoms from Section 3 develop. If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact. Remove to fresh air.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get

**N585W 1 2C-CRTRG(0.807LBS-0.366KG)
Acrylic Caulk**

medical attention if irritation persists.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

METHOD:	Not applicable
IGNITION TEMPERATURE:	Unknown
FLAMMABLE LIMITS IN AIR - LOWER (%):	Unknown
FLAMMABLE LIMITS IN AIR - UPPER (%):	Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA

Water, Foam, Carbon dioxide (CO2), Dry chemical

SPECIAL FIRE FIGHTING PROCEDURES

Fire may produce poisonous or irritating gas, fumes, or vapors. See Section 10 for hazardous decomposition products., Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear proper protective equipment as specified in the protective equipment section. Collect spilled material and place in closed container for recovery or disposal.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Keep away from children. Keep container dry. Store away from heat, sources of ignition, and incompatibles. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Avoid inhalation of vapour or mist.

**N585W 1 2C-CRTRG(0.807LBS-0.366KG)
Acrylic Caulk**

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Showers

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29 CFR 191 0.134).

PROTECTIVE GLOVES

Impervious gloves

EYE AND FACE PROTECTION

Safety glasses with side-shields

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
ETHANEDIOLE	107-21-1	ACGIH, Ceiling	Aerosol. 100 mg/m3
ETHANEDIOLE	107-21-1	ACGIH, Ceiling	Aerosol. 100 mg/m3

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9.PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	Unknown
VAPOR PRESSURE (20 C) (MM HG):	Unknown
FREEZING POINT:	Unknown
MELTING POINT:	Unknown
PHYSICAL STATE:	Solid
ODOR:	acrylic
COLOR:	white
SPECIFIC GRAVITY (WATER=1):	ca. 1.27
DENSITY:	ca. 1.227 g/cm3
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	Unknown
SOLUBILITY IN WATER (20 C):	Soluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Unknown

Nexicor
8485 Broadwell Road
Cincinnati, Ohio

Material Safety Data Sheet

Version: 1.3
08/03/2008

N585W 1 2C-CRTRG(0.807LBS-0.366KG) Acrylic Caulk

VOC EXCL. H2O & EXEMPTS (G/L): 30

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

OTHER

None.

MUTAGENICITY

Unknown

Other effects of overexposure

None known.

12. ECOLOGICAL INFORMATION

**N585W 1 2C-CRTRG(0.807LBS-0.366KG)
Acrylic Caulk**

Additional ecological information

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

Canada DSL Inventory	y (Positive listing)
China Inventory of Existing Chemical Substances	y (Positive listing)
Canada NDSL Inventory	n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	n (Negative listing)
TSCA list	y (Positive listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

**N585W 1 2C-CRTRG(0.807LBS-0.366KG)
Acrylic Caulk**

US Regulatory Information**SARA (313) CHEMICALS**

107-21-1, 1,2-Ethanediol 75-21-8, Ethylene Oxide 50-00-0, Formaldehyde 7664-41-7,

Canadian Regulatory Information**WHMIS HAZARD CLASS**

D2B TOXIC MATERIALS

Other**SCHDLE B/HTSUS:** 3214.10.00.10 Mastic based on rubber**CALIFORNIA PROPOSITION 65**

WARNING! This product contains a chemical known in the State of California to cause cancer. 140-88-5, Ethyl Acrylate. 7439-92-1, Lead. 123-91-1, 1,4-Dioxane. 7440-02-0, Nickel. 50-00-0, Formaldehyde. 14808-60-7, Quartz. 75-21-8, Ethylene Oxide.

16. OTHER INFORMATION**OTHER**

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
 NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).

ONE-COMPONENT POLYURETHANE FOAM SEALANT/ADHESIVE (134a)
(Includes Strawfoam, Gunfoam, Window and Door, Sub-Floor, General Use and Roof Tile. Includes Cylinders)
MSDS # A16354

**D12-S, D24-S, D24-GF, D24-GW, D24-SW,
D24-SF. D24-GFB**

M A T E R I A L S A F E T Y D A T A S H E E T

1. IDENTIFICATION

Chemical Product

One-Component Polyurethane Foam

Sealant/Adhesive Supplier Information

Nexicor

8485 Broadwell Road

Cincinnati, Ohio 45244

Emergency Overview

24 HOUR Emergency Phone Number:

Transportation Emergency:

International Transportation Emergency:

Revised: March 2008-5

Product is a liquid urethane prepolymer mixture that is packaged under pressure (Non-Flammable Compressed Gas). Containers should not be heated above 120F (49C) to avoid excessive pressure build-up.

2. COMPOSITION

Chemical Name (common names)	CAS Number	Percentage	LD ₅₀	LC ₅₀
1,1,1,2- Tetrafluoroethane (Non-Flammable Compressed Gas, HFC, Fluorocarbon) 1 34a	811-97-2	10 to 30 percent	NA	NA
4,4' - Diphenylmethane Diisocyanate (MDI)	101-68-8	5 to 10 percent	NA	NA
Higher Oligomers of MDI (Polymeric MDI)	9016-87-9	5 to 10 percent	NA	NA
Urethane Pre-polymer Blend (Non-Hazardous Proprietary Blend)	Not Available This Section	60 to 100 percent	NA	NA

(NOTE: See Section 8 of this MSDS for Exposure Guidelines)

3. HAZARDS IDENTIFICATION

Physical Hazards

Since the containers are pressurized, storage temperature should not exceed 120°F (49°C) in order to avoid excessive pressure build-up and possible container rupture. Also, the product has strong adhesive-like characteristics and will adhere aggressively to skin and other surfaces. If accidental contact occurs, follow the appropriate first-aid procedure described in Section 4 of this MSDS.

Potential Health Effects

The primary adverse health effects of this product are related to the Polymeric Isocyanate (MDI) component, and, to a lesser degree, the Fluorocarbon (134a) component. Therefore, adequate ventilation should be provided to avoid exceeding the exposure limits of these components (See Section 8). The likelihood of exceeding these limits are low due to the low concentration of vapor produced during normal use. However, if used indoors, mechanical ventilation or exhaust should be provided during use and until product is cured.

Entry Route: Effects of Overexposure

- Inhalation:** May irritate mucous membranes with tightness in chest, coughing, or allergic asthma-like sensitivity. Extensive overexposure can lead to respiratory symptoms like bronchitis and pulmonary edema. These effects are usually reversible.
Overexposure to 1,1,1,2 - Tetrafluoroethane may cause lightheadedness, headaches, or lethargy. Persons with cardiac arrhythmia may be at increased risk in severe exposure.
- Eyes:** May be irritating to eyes. Foam contact can cause physical damage due to adhesive character.
- Skin:** May cause localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization and/or contact dermatitis.
- Ingestion:** May cause irritation of mucous membranes in the mouth and digestive tract.

4. FIRST AID

- Inhalation:** If breathing difficulty is experienced, move to area free of exposure. Provide fresh air. If necessary, provide oxygen or artificial respiration by trained personnel and obtain medical attention.
- Eye Contact:** Flush with clean water for at least 15 minutes and obtain medical attention.
- Skin Contact:** Use a rag to remove excess foam from skin and remove contaminated clothing. Use of a solvent, such as acetone (nail polish remover) or mineral spirits, may help in removing uncured foam residue from clothing or other surfaces (avoid eye contact). Cured foam may be physically removed by persistent washing with soap and water. If irritation develops, use mild skin cream. If irritation persists, obtain medical attention.
- Ingestion:** Drink 1 to 3 glasses of water and seek immediate medical attention. Never give anything orally to an unconscious person.

5. FIRE FIGHTING MEASURES

High temperatures will raise the pressure in the containers, which may lead to rupturing. Extinguishing media include: dry chemical, carbon dioxide, Halon 1211, chemical foam, or water spray if used in large quantities (water contamination will produce carbon dioxide). Wear self-contained breathing apparatus to protect against toxic decomposition by-products, including CO, CO₂, NO, and traces of HCN. Cured foam is organic and, therefore, will burn in the presence of sufficient heat, oxygen and an ignition source. Main hazards associated with burning foam are similar to burning of other organic materials (wood, paper, cotton, etc.) and precautions against exposure should be taken accordingly. Avoid welding or other "hot work" in the vicinity of exposed cured foam.

6. ACCIDENTAL RELEASE MEASURES/DISPOSAL CONSIDERATIONS

Read all product instructions before using. Personal protective equipment should include (impervious gloves, protective eye wear and suitable work clothes). Uncured product is very sticky, so carefully remove the bulk of the foam by scraping it up and then immediately remove residue with a rag and solvent such as polyurethane cleaner, mineral spirits, acetone (nail polish remover), paint thinner, etc. Once the product has cured, it can only be removed physically by scraping, buffing, etc. Dispose as plastic waste (foam plastic) in accordance with all applicable guidelines and regulations.

Before disposing of containers, relieve container of any remaining foam and pressure. Allow product to fully cure before disposing. Never discard in a liquid state.

7. HANDLING AND STORAGE

Store in a cool, dry place. Ideal storage temperature is 60F to 80F (15.5C to 26.6C). Storage above 90F (32.2C) will shorten the shelf life. Storage below 55F (12.7C) may affect foam quality if chemicals are not warmed before using. Protect containers from physical abuse. Protect unused product from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Read all product instructions before using. Personal protective equipment should include impervious gloves, protective eye wear and suitable work clothes. Adequate ventilation should also be employed so that vapor levels do not exceed recommended guidelines. If vapor levels are expected to exceed these guidelines, use NIOSH approved, positive pressure, supplied air respirator or a negative pressure half mask with organic vapor cartridges and dust/mist pre-filters. Exercise good personal hygiene, wash thoroughly after each use.

Exposure Guidelines	OSHA	ACGIH
4,4' – Diphenylmethane Diisocyanate (MDI)	.020 ppm ceiling .200 mg/m ³ ceiling	.005 ppm TWA .051 mg/m ³ TWA
Higher Oligomers of MDI	None Established	None Established
1,1,1,2 - Tetrafluoroethane (Non-Flammable Compressed Gas, HFC Fluorocarbon 134a)	None Established	None Established

(None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as a carcinogen).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance :	Viscous liquid which foams upon release from container as an off-white to yellowish froth (Note: Appearance may differ with the introduction of a dye or colorant).
Odor :	Slight fluorocarbon odor during curing stage
Specific Gravity :	Approximately 1.2 (H ₂ O = 1)
Boiling Point :	1,1,1,2 - Tetrafluoroethane (Non-Flammable Compressed Gas, HFC Fluorocarbon 134a) boils at -15 F (-26. 1C). Other components boil at temperatures greater than 200°F (93.3°C).
Flash Point :	Product flash point has been tested at approximately 800°F (426.6°C).
Vapor Pressure :	Contents under pressure have vapor pressure greater than 50 psig / 345 kPa. After release from container, vapor pressure is very low (not determined).
Solubility in Water :	Insoluble, reacts slowly with water during cure; liberating traces of CO ₂ .
Explosion Data :	Contents are not known to be sensitive to mechanical impact or static discharge.

10. STABILITY AND REACTIVITY

This product is considered stable under normal and anticipated storage and handling conditions. Do not store above 120°F (49C). For longest shelf life, avoid storage above 90F (32.2C). Avoid alcohols, strong bases or amines and metal compounds (such as small particle metal catalysts).

11. TRANSPORTATION

Shipping Information

	Containers Less Than 1000 cu. cm. (1 liter)	Containers Greater Than 1000 cu. cm. (1 liter)
<i>Ground</i>	Consumer Commodity ORM-D (On Shipper Carton) Consumer Commodity Polyurethane Foam Sealant/Adhesive (On Shipping Document)	UN1956 Compressed Gas n.o.s. (Fluorocarbon) 2.2 (Non-Flammable Gas Label)
<i>Air</i>	UN1950 Aerosols, Non-Flammable 2.2 (Non-flammable Gas Label)	UN1956 Compressed Gas n.o.s. (Fluorocarbon) 2.2 (Non-flammable Gas Label)
<i>Water</i>	UN1950 AEROSOLS "LTD QTY" 2	UN1956 Compressed Gas n.o.s. (Fluorocarbon) 2.2

Exceptions N/A

Note Emergency Response Guide Numbers - Consumer Commodity # 171. For Aerosols and Compressed Gas # 126.

12. REGULATORY

Toxic Substances Control Act (TSCA)/Domestic Substances List (DSL):

All ingredients are listed on the TSCA inventory, as well as the Canadian Domestic Substances List.

SARA Title III:

Contains Diphenylmethane Diisocyanate (CAS #101-68-8) subject to the reporting requirements of SARA Title III. Applicability must be determined by the end user.

Proposition 65:

Based on information currently available, this product is not known to contain detectable amounts of any chemicals currently listed under California Proposition 65.

V.O.C. Content:

Based on the current EPA definition of volatile organic compound, this product does not have any V.O.C. content.

13. OTHER

NFPA: Fire 1; Health 2; Reactivity 1
HMIS: Flammability 1; Health 2; Reactivity 1

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers.

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