



GE22608
Acrylic Caulker Sealant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

Revised: 05/07/2010
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

CAUTION! 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.

Form: solid **Color:** clear **Odor:** 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. May cause effects to the blood and blood system 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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SUBCHRONIC (TARGET ORGAN)

Respiratory system; Skin; Kidney; Central nervous system; Blood disorders.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>PRODUCT COMPOSITION</u> | <u>CAS REG NO.</u> | <u>WGT. %</u> |
|----------------------------|--------------------|---------------|
|----------------------------|--------------------|---------------|

A. HAZARDOUS

| | | |
|-----------------------|-----------|---------|
| ETHANEDIOL | 107-21-1 | 1 - 5 % |
| ALKYLPHENOLETHOXYLATE | 9036-19-5 | 1 - 5 % |

B. NON-HAZARDOUS

| | | |
|--|-----------|-----------|
| Water | 7732-18-5 | 30 - 60 % |
| Isopropyl-2,2-dimethyltrimethylene diisobutyrate | 6846-50-0 | 5 - 10 % |
| Vendor Trade secret - Acrylic Polymer | - | 30 - 60 % |

4. FIRST AID MEASURES

INGESTION

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

SKIN

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



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INHALATION

Get medical attention if irritation or symptoms 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 medical attention if irritation persists.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

| | |
|---|---------------------|
| FLASH POINT: | ca. 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.

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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.

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

| <u>Component</u> | <u>CAS RN</u> | <u>Source</u> | <u>Value</u> |
|------------------|---------------|----------------|--------------------|
| ETHANEDIOL | 107-21-1 | ACGIH, Ceiling | Aerosol. 100 mg/m3 |
| ETHANEDIOL | 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; 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



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| | |
|---|------------------------|
| VAPOR PRESSURE (20 C) (MM HG): | Unknown |
| FREEZING POINT: | Unknown |
| PHYSICAL STATE: | solid |
| ODOR: | Ammonia |
| COLOR: | clear |
| SPECIFIC GRAVITY (WATER=1): | 1.05 |
| DENSITY: | 1.05 g/cm ³ |
| ACID / ALKALINITY (MEQ/G): | Unknown |
| pH: | Measured 7.9 |
| SOLUBILITY IN WATER (20 C): | Unknown |
| SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): | Unknown |
| VOLATILE ORGANIC CONTENT: | 0.09 %(m) |
| VOC EXCL. H₂O & EXEMPTS (G/L): | 50.39 g/l |

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; nitrogen oxides (NO_x); 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

None.



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MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

None known.

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

| | |
|--|----------------------|
| Australia Inventory of Chemical Substances (AICS) | n (Negative listing) |
| Japan Inventory of Existing & New Chemical Substances (ENCS) | n (Negative listing) |
| China Inventory of Existing Chemical Substances | n (Negative listing) |
| Korea Existing Chemicals Inventory (KECI) | n (Negative listing) |
| Canada DSL Inventory | y (positive listing) |



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Canada NDSL Inventory n (Negative listing)
Philippines Inventory of n (Negative listing)
Chemicals and Chemical
Substances (PICCS)
TSCA list y (positive listing) On TSCA Inventory
For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information

SARA (313) CHEMICALS
107-21-1, 1,2-Ethenediol.

CALIFORNIA PROPOSITION 65
WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
75-21-8, Ethylene Oxide. 108-88-3, Toluene.

Canadian Regulatory Information

WHMIS HAZARD CLASS
D2B - Toxic Material Causing Other Toxic Effects

16. OTHER INFORMATION

OTHER

C = ceiling limit applicable 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)., 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.