_1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION_

Product Name: ADHESIVE/SEALANT 272
Item No.: 272
Product Type: Anaerobic

_2. COMPOSITION INFORMATION ON INGREDIENTS_

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No.</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>Aromatic dimethacrylate ester</td>
<td>24448-20-2</td>
<td>75-80</td>
</tr>
<tr>
<td>Maleimide resin</td>
<td>3006-93-7</td>
<td>10-15</td>
</tr>
<tr>
<td>CUMENE HYDROPEROXIDE*</td>
<td>80-15-9</td>
<td>1-3</td>
</tr>
<tr>
<td>Hydroxyalkyl methacrylate</td>
<td>27813-02-1</td>
<td>1-3</td>
</tr>
<tr>
<td>METHYL ALCOHOL*</td>
<td>67-56-1</td>
<td>1-3</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE</td>
<td>112945-52-5</td>
<td>1-3</td>
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<tr>
<td>1-Acetyl-2-phenylhydrazine</td>
<td>114-83-0</td>
<td>0.1-1</td>
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<tr>
<td>N,N-Dialkyltoluidines</td>
<td>613-48-9</td>
<td>0.1-1</td>
</tr>
<tr>
<td>MALEIC ACID</td>
<td>110-16-7</td>
<td>0.1-1</td>
</tr>
<tr>
<td>SACCHARIN</td>
<td>81-07-2</td>
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</table>

* This component is listed as a SARA Section 313 Toxic Chemical

<table>
<thead>
<tr>
<th>Exposures Limits:</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic dimethacrylate ester</td>
<td>200 ppm skin</td>
<td>10 mg/m³ TWA</td>
</tr>
<tr>
<td>Maleimide resin</td>
<td>262 mg/m³ skin</td>
<td>200 ppm TWA skin</td>
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<tr>
<td>CUMENE HYDROPEROXIDE</td>
<td>262 mg/m³ skin</td>
<td>200 ppm TWA skin</td>
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<td>Hydroxyalkyl methacrylate</td>
<td>262 mg/m³ skin</td>
<td>200 ppm TWA skin</td>
</tr>
<tr>
<td>METHYL ALCOHOL</td>
<td>3 mg/m³ TWA skin</td>
<td>1 ppm STEL</td>
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<tr>
<td>SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE</td>
<td>3 mg/m³ TWA skin</td>
<td>1 ppm STEL</td>
</tr>
</tbody>
</table>

_3. HAZARDS IDENTIFICATION_

Toxicity: Mild eye irritant.

Primary Routes of Entry: None known

Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.

Existing Conditions Aggravated by Exposure: Maleimide resin: Dermatitis

<table>
<thead>
<tr>
<th>Literature Referenced</th>
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<td>Target Organ and Other Health Effects</td>
<td>NTP IARC OSHA</td>
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<tr>
<th>Ingredients</th>
<th>ALG</th>
<th>IRR</th>
<th>CNS</th>
<th>COR</th>
<th>IRR</th>
<th>MUT</th>
<th>LIV</th>
<th>MET</th>
<th>NER</th>
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Abbreviations

N/A Not Applicable
ALG Allergen
CNS Central nervous system
EYE Eyes
IRR Irritant
LIV Liver
MUT Mutagen
NTO No Target Organs
REP Reproductive
2B Possibly carcinogenic to humans
COR Corrosive
HRT Heart
KID Kidney
MET Metabolic
NER Nervous System
NUI Nuisance dust
SOM Evidence of some carcinogenicity
12. ECOLOGICAL INFORMATION

See Section 3.

13. IRRITANT BIOLOGICAL INFORMATION

None.

14. REACTIVITY

None.

STABILITY AND REACTIVITY

None.

15. PHYSICAL AND CHEMICAL PROPERTIES

See Section 2 for exposure limits.

16. EXPOSURE CONTROL/PERSONAL PROTECTION

Avoid prolonged skin contact. Keep away from eyes.

Handling:

Avoid prolonged skin contact. Keep away from eyes.

Storage:

Store below 100°F.

Appearance:

Red liquid.

Odor:

Mild.

Boiling Point:

More than 300°F.

PH:

Does not apply.

Solubility in Water:

Slight.

Specific Gravity:

More than 1.0.

Vapor Pressure:

Less than 0.1 mm Hg at 80°F.

<table>
<thead>
<tr>
<th>Component</th>
<th>Formula</th>
<th>Function in</th>
<th>Note</th>
</tr>
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<tbody>
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</tbody>
</table>

8. ACCIDENTAL RELEASE MEASURES

If spilled or leak:

Soak up in an inert absorbent. Store in party filled, closed container until disposed.

Ingestion:

Obtain medical attention.

Inhalation:

Do not induce vomiting. Keep individual calm.

Skin Contact:

Obtain medical attention. Keep individual calm.

Eye Contact:

Flush with large amounts of water.

Flammable Limit:

Lower 6% Methanol

Upper 36% Methanol

9. FIRE-FOIGHTING MEASURES

Flammable Liquid.

Firefighters:

Do not apply water.

Special Firefighting Procedures:

None.

Specific Firefighting Agents:

Carbon dioxide, foam, dry chemical.

10. EMERGENCY AND first AID MEASURES

None.

11. MATERIAL SAFETY DATA SHEET

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (860) 571-5100
FAX: (860) 571-5199

ADHESIVE/SEALANT 272

Product No.:

Issued: 5/28/99

LOCTITE CORPORATION

Page 2 of 3
13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal:
Incinerate following EPA and local regulations

EPA Hazardous Waste Number
NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
Domestic Ground Transport
- Proper Shipping Name: Unrestricted
- Hazard Class or Division: Unrestricted
- Identification Number: None
- Marine Pollutant: None

IATA
- Proper Shipping Name: Unrestricted
- Class or Division: Unrestricted
- UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: This product contains Saccharin. No prop65 hazard warning is necessary if this product is used as reasonably anticipated.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
- Health Hazard: 1
- Fire Hazard: 1
- Reactivity Hazard: 1
- Specific Hazard: Does not apply

Estimated HMIS(R) Code:
- Health Hazard: 1
- Flammability Hazard: 1
- Reactivity Hazards: See Section 8.
- Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By:
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Research Chemist, Safety, Health & Regulatory Affairs
Loctite Corp., 1001 Trout Brook Crossing, Rocky Hill, CT 06067

(24hr.) Phone:
(860) 571-5100

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Revision: 0029