Safety Data Sheet



Revision Number: 007.0

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:

Product type/use: Activa Restriction of Use: None Company address: Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067

LOCTITE SF 7387 AE known as LOCTITE® 7387 DEPEND® ACTIVATO Activator None identified IDH number:

209714

Item number:21088Region:United StatesContact information:Telephone: +1 (860) 571-5100MEDICAL EMERGENCY Phone: Poison Control Center1-877-671-4608 (toll free) or 1-303-592-1711TRANSPORT EMERGENCY Phone: CHEMTREC1-800-424-9300 (toll free) or 1-703-527-3887Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

| EMERGENCY OVERVIEW | | |
|--------------------|--|--|
| WARNING: | CONTENTS UNDER PRESSURE. | |
| | FLAMMABLE AEROSOL. | |
| | CAUSES SKIN IRRITATION. | |
| | CAUSES SERIOUS EYE IRRITATION. | |
| | MAY CAUSE RESPIRATORY IRRITATION. | |
| | MAY CAUSE DROWSINESS OR DIZZINESS. | |
| | SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. | |

| HAZARD CLASS | HAZARD CATEGORY |
|--|-----------------|
| FLAMMABLE AEROSOL. | 2 |
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| REPRODUCTIVE TOXICITY | 2 |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | 3 |



Precautionary Statements

Prevention:

Response:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames, hot surfaces - no smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing mist or spray. Wash affected area thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, clothing, eye and face protection.

IF ON SKIN: Wash with plenty of water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

| Storage: | |
|-----------|--|
| Disposal: | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| Disposal. | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* | |
|--|-------------|-------------|--|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | 64742-49-0 | 30 - 60 | |
| Aldehyde-amine condensate | Proprietary | 10 - 30 | |
| Isobutane | 75-28-5 | 10 - 30 | |
| 2-Propanol | 67-63-0 | 10 - 30 | |
| Cyclohexane | 110-82-7 | 1 - 5 | |
| n-Hexane | 110-54-3 | 0.1 - 1 | |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

| 4. FIRST AID MEASURES | | | | |
|----------------------------------|---|--|--|--|
| Inhalation: | Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention. | | | |
| Skin contact: | Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). Get medical attention. Wash clothing before reuse. | | | |
| Eye contact: | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention. | | | |
| Ingestion: | Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. | | | |
| Symptoms: | See Section 11. | | | |
| 5. F | FIRE FIGHTING MEASURES | | | |
| Extinguishing media: | Foam, dry chemical or carbon dioxide. | | | |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. | | | |

Unusual fire or explosion hazards:

Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Contents under pressure. Exposure to temperatures above 49°C (120°F) may cause container to burst. Do not puncture or incinerate pressurized containers.

Hazardous combustion products:

Oxides of carbon. Oxides of nitrogen. Hydrocarbons. Irritating organic vapours.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

| Environmental precautions: | Do not allow product to enter sewer or waterways. | |
|----------------------------|---|--|
| Clean-up methods: | Remove all sources of ignition. Ensure adequate ventilation. Keep unnecessary personnel away. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. | |

7. HANDLING AND STORAGE

Handling:

During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not puncture or incinerate pressurized containers. Refer to Section 8.

Storage:

For safe storage, store between 0 °C ($32^{\circ}F$) and $38^{\circ}C$ ($100.4^{\circ}F$) Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|--|------------------------------|-----------|-------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | None | 100 ppm (400 mg/m3) PEL | None | None |
| Aldehyde-amine condensate | None | None | None | None |
| Isobutane | 1,000 ppm STEL (Simple asphyxiant.) | None | None | None |
| 2-Propanol | 200 ppm TWA 400 ppm STEL | 400 ppm (980 mg/m3) PEL | None | None |
| Cyclohexane | 100 ppm TWA | 300 ppm (1,050 mg/m3) PEL | None | None |
| n-Hexane | 50 ppm TWA (SKIN) | 500 ppm (1,800 mg/m3) PEL | None | None |

| Engineering controls: | Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product. |
|-------------------------|---|
| Respiratory protection: | Use NIOSH approved respirator if there is potential to exceed exposure limit(s). |
| Eye/face protection: | Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available. |
| Skin protection: | Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Neoprene gloves. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Color: Odor: Odor threshold: pH: . Vapor pressure: Boiling point/range: Melting point/ range: Specific gravity: Vapor density: Flash point: Flammable/Explosive limits - lower: Flammable/Explosive limits - upper: Autoignition temperature: Flammability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water): **VOC content:** Viscosity: Decomposition temperature:
- Liquid, Aerosol Amber Aliphatic Not available. Not available. 35 mm hg (20 °C (68°F)) 49 °C (120.2 °F)Approximately Not available. 0.7694 Not available. -4 °C (24.8 °F) Not available. Not available. Not available. The substance or mixture is a flammable aerosol with the category 2. Not available. Insoluble Not available. 83.84 %; 645.1 g/l EPA Method 24 Not available. Not available.

10. STABILITY AND REACTIVITY

| Stability: | Stable under normal conditions of storage and use. |
|--------------------------------------|--|
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of nitrogen. Irritating organic vapours. |
| Incompatible materials: | Strong oxidizing agents. Strong acids and strong bases. Amines. Alkalis. Aldehydes. Chlorine. Halogens. Ethylene oxide. Isocyanates. |
| Reactivity: | Not available. |
| Conditions to avoid: | Heat, flames, sparks and other sources of ignition. Store away from incompatible materials. Do not puncture, incinerate, or expose to temperatures above 48.9 $^\circ$ C (120 $^\circ$ F). |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

| Inhalation: | May cause dizziness, incoordination, headache, nausea, and vomiting. |
|---------------|---|
| Skin contact: | Causes skin irritation. May cause allergic skin reaction. |
| Eye contact: | Causes serious eye irritation. |
| Ingestion: | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspirated material can enter the lungs and result in pneumonitis. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects | |
|--|--|--|--|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | None | No Data | |
| Aldehyde-amine condensate | None | No Records | |
| Isobutane | None | Cardiac, Central nervous system, Lung | |
| 2-Propanol | Oral LD50 (Rat) = 5,045 mg/kg Oral LD50 (Mouse) = 3,600 mg/kg Oral LD50 (Rabbit) = 6,410 mg/kg Oral LD50 (Rat) = 4.7 g/kg Oral LD50 (Mouse) = 4.5 g/kg Oral LD50 (Rabbit) = 8.0 g/kg Oral LD50 (Rabbit) = 5.03 g/kg Dermal LD50 (Rabbit) = 12,800 mg/kg | Allergen, Central nervous system, Irritant | |
| Cyclohexane | Oral LD50 (Rat) = 29,820 mg/kg Oral LD50 (Mouse) = 1,300 mg/kg | Irritant, Central nervous system | |
| n-Hexane | Oral LD50 (Rat) = 28,710 mg/kg Dermal LD50 (Rabbit) = > 2,000 mg/kg | Developmental, Irritant, Lung, Nervous System, Reproductive | |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | No | No | No |
| Aldehyde-amine condensate | No | No | No |
| Isobutane | No | No | No |
| 2-Propanol | No | No | No |
| Cyclohexane | No | No | No |
| n-Hexane | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:

Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number:

D001: Ignitable.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

| U.S. Department of | Transportation | Ground (49 CFR) |
|--------------------|-----------------------|-----------------|
|--------------------|-----------------------|-----------------|

| Proper shipping name: | Aerosols |
|---------------------------|----------|
| Hazard class or division: | 2.1 |
| Identification number: | UN 1950 |
| Packing group: | None |

| International Air Transportation (ICAO/IATA) | |
|--|---|
| Proper shipping name: | Aerosols, flammable |
| Hazard class or division: | 2.1 |
| Identification number: | UN 1950 |
| Packing group: | None |
| Exceptions: | ID8000, May Qualify as Consumer Commodity, (Not more than 500 ml) |
| Water Transportation (IMO/IMDG) | |
| Proper shipping name: | AEROSOLS (n-Heptane) |
| Hazard class or division: | 2.1 |
| Identification number: | UN 1950 |
| Packing group: | None |
| Marine pollutant: | n-Heptane |
| Exceptions: | Limited quantity (Not more than 1 L). |

15. REGULATORY INFORMATION

United States Regulatory Information

| | 16. OTHER INFORMATION |
|--|--|
| CEPA DSL/NDSL Status: | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
| Canada Regulatory Information | |
| | reproductive harm. |
| California Proposition 65: | This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other |
| | Methylcyclohexane (CAS# 108-87-2) 100 lbs. (45.4 kg) Octane (CAS# 111-65-9) 100 lbs. (45.4 kg) |
| | 2-Propanol (CAS# 67-63-0) 100 lbs. (45.4 kg) |
| CERCLA Reportable quantity: | n-Heptane (CAS# 142-82-5) 100 lbs. (45.4 kg) Isobutane (CAS# 75-28-5) 100 lbs. (45.4 kg) |
| | CFR 372). Cyclohexane (CAS# 110-82-7). |
| CERCLA/SARA Section 313: | This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 |
| CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: | None above reporting de minimis. Immediate Health, Delayed Health, Fire, Sudden Release |
| TSCA 12 (b) Export Notification: | None above reporting de minimis |
| TSCA 8 (b) Inventory Status: | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. |

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: Product Safety and Regulatory Affairs

Issue date: 01/23/2019

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Safety Data Sheet



Revision Number: 006.1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:

Product type: **Restriction of Use:** Company address: Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067

LOCTITE AA 330 1K GENERAL **BONDING ACRYLIC known as** LOCTITE DEPEND 250ML TB Acrylic Adhesive None identified

IDH number:

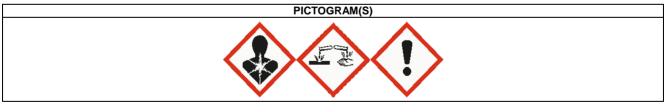
1689700

Item number: 1689700 Region: **United States** Contact information: Telephone: +1 (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

| | EMERGENCY OVERVIEW | |
|---------|---|--|
| DANGER: | COMBUSTIBLE LIQUID. | |
| | CAUSES SKIN IRRITATION. | |
| | MAY CAUSE AN ALLERGIC SKIN REACTION. | |
| | CAUSES SERIOUS EYE DAMAGE. | |
| | MAY CAUSE RESPIRATORY IRRITATION. | |
| | SUSPECTED OF CAUSING CANCER. | |
| | MAY DAMAGE FERTILITY OR THE UNBORN CHILD. | |
| | | |

| HAZARD CLASS | HAZARD CATEGORY |
|--|-----------------|
| FLAMMABLE LIQUID | 4 |
| SKIN IRRITATION | 2 |
| SERIOUS EYE DAMAGE | 1 |
| SKIN SENSITIZATION | 1 |
| CARCINOGENICITY | 2 |
| REPRODUCTIVE TOXICITY | 1B |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | 3 |



Precautionary Statements

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames, hot surfaces - no smoking. Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection.

| Response: | IF ON SKIN: Wash with plenty of water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish. |
|-----------|---|
| Storage: | Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. |
| Disposal: | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* | |
|--|------------|-------------|--|
| Tetrahydrofurfuryl methacrylate | 2455-24-5 | 30 - 60 | |
| Methacrylic acid | 79-41-4 | 5 - 10 | |
| 2-Ethylhexyl methacrylate | 688-84-6 | 5 - 10 | |
| 1,3-Butylene glycol dimethacrylate | 1189-08-8 | 1 - 5 | |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | 25068-38-6 | 0.1 - 1 | |
| Talc | 14807-96-6 | 0.1 - 1 | |
| Cumene hydroperoxide | 80-15-9 | 0.1 - 1 | |
| 1,1,2-Trichloroethane | 79-00-5 | 0.1 - 1 | |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

| 4. | FIRST AID MEASURES |
|------------------------------------|---|
| Inhalation: | Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention. |
| Skin contact: | Immediately flush skin with plenty of water (using soap, if available). Remo contaminated clothing and footwear. Wash clothing before reuse. Get med attention. |
| Eye contact: | Rinse immediately with plenty of water, also under the eyelids, for at least minutes. Get medical attention. |
| Ingestion: | DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention. |
| Symptoms: | See Section 11. |
| 5. Fl | RE FIGHTING MEASURES |
| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such a turn-out gear. |
| Unusual fire or explosion hazards: | Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers. In case of fire, keep container cool with water spray. |

Product name: LOCTITE AA 330 1K GENERAL BONDING ACRYLIC known as LOCTITE DEPEND 250ML TB

Hazardous combustion products:

Oxides of carbon. Irritating organic vapours.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

| Environmental precautions: | Do not allow product to enter sewer or waterways. |
|----------------------------|---|
| Clean-up methods: | Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean- up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. |
| _ | |

7. HANDLING AND STORAGE

Handling:

Storage:

Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not taste or swallow. Refer to Section 8.

For safe storage, store at or below 38 °C (100.4 °F) Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|-------------------------------------|--|----------------------------------|--------|
| Tetrahydrofurfuryl methacrylate | None | None | None | None |
| Methacrylic acid | 20 ppm TWA | None | None | None |
| 2-Ethylhexyl methacrylate | None | None | None | None |
| 1,3-Butylene glycol dimethacrylate | None | None | None | None |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | None | None | None |
| Talc | 2 mg/m3 TWA Respirable fraction. | 0.1 mg/m3 TWA Respirable. 2.4 MPPCF TWA Respirable. 20 MPPCF TWA | None | 50 ppm |
| Cumene hydroperoxide | None | None | 1 ppm (6 mg/m3) TWA (SKIN) | None |
| 1,1,2-Trichloroethane | 10 ppm TWA (SKIN) | 10 ppm (45 mg/m3) PEL (SKIN) | None | None |

Engineering controls:

Respiratory protection:

Eye/face protection:

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Use NIOSH approved respirator if there is potential to exceed exposure $\mathsf{limit}(s).$

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.

Skin protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Color: Odor: Odor threshold: pH: Vapor pressure: Boiling point/range: Melting point/ range: Specific gravity: Vapor density: Flash point: Flammable/Explosive limits - lower: Flammable/Explosive limits - upper: Autoignition temperature: Flammability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water): VOC content: Viscosity: Decomposition temperature:

Liquid Amber Sharp, Irritating Not available. Not available. < 10 mm hg (26.7 °C (80.1 °F)) > 148.9 °C (> 300°F) Not available. 1.16 Not available. 83 °C (181.4 °F) Tagliabue closed cup Not available. Not available. Not available. Not applicable Not available. Slight Not available. 1.59 %; 18.4 g/l Not available. Not available.

10. STABILITY AND REACTIVITY

| Stability: | Stable under normal conditions of storage and use. |
|--------------------------------------|---|
| Hazardous reactions: | None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of sulfur. Toxic chlorides. Irritating organic vapours. |
| Incompatible materials: | Strong oxidizing agents. Strong reducing agents. Strong acids. Alkalis. Free radical initiators. Oxygen scavengers. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. Extremes of temperature and direct sunlight. UV light. Freezing conditions. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

| Inhalation: | Inhalation of vapors or mists of the product may be irritating to the respiratory system. May |
|---------------|---|
| | cause irritation to nose and throat. |
| Skin contact: | Causes skin irritation. May cause allergic skin reaction. |
| Eye contact: | Causes serious eye damage. |
| Ingestion: | May cause gastrointestinal tract irritation if swallowed. |
| | |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|---|---|
| Tetrahydrofurfuryl methacrylate | None | Irritant, Allergen |
| Methacrylic acid | Oral LD50 (Mouse) = 1,332 mg/kg Oral LD50 (Mouse) = 1,600 mg/kg Oral LD50 (Mouse) = 1,250 mg/kg Oral LD50 (Rabbit) = 1,200 mg/kg Oral LD50 (Rat) = 1,060 mg/kg Oral LD50 (Rat) = 2,224 mg/kg Dermal LD50 (Rabbit) = 500 mg/kg | Corrosive, Irritant, Allergen |
| 2-Ethylhexyl methacrylate | Oral LD50 (Rat) = > 2,000 mg/kg | Irritant, Allergen |
| 1,3-Butylene glycol dimethacrylate | None | Irritant, Allergen |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | Allergen, Irritant |
| Talc | None | Irritant, Lung, Some evidence of carcinogenicity |
| Cumene hydroperoxide | None | Allergen, Central nervous system, Corrosive, Irritant, Mutagen |
| 1,1,2-Trichloroethane | Oral LD50 (Rat) = 835 mg/kg Oral LD50 (Rat) = 100 - 200 mg/kg Dermal LD50 (Rabbit) = 5,377 mg/kg | Irritant, Central nervous system, Lung, Liver, Kidney, Immune system, Some evidence of carcinogenicity, Mutagen |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|---|
| Tetrahydrofurfuryl methacrylate | No | No | No |
| Methacrylic acid | No | No | No |
| 2-Ethylhexyl methacrylate | No | No | No |
| 1,3-Butylene glycol dimethacrylate | No | No | No |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | No | No | No |
| Talc | No | Group 2B | No |
| Cumene hydroperoxide | No | No | No |
| 1,1,2-Trichloroethane | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:

Hazardous waste number:

Follow all local, state, federal and provincial regulations for disposal.

Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

| U.S. Department of Transportation Ground (| 49 CFR) |
|--|---------------|
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |
| International Air Transportation (ICAO/IATA) | |
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |
| Water Transportation (IMO/IMDG) | |
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |
| | |

15. REGULATORY INFORMATION

United States Regulatory Information

| TSCA 8 (b) Inventory Status: | All components are listed or are exempt from listing on the Toxic Substances Control Act |
|---|---|
| TSCA 12 (b) Export Notification: | Inventory. None above reporting de minimis |
| CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: CERCLA/SARA Section 313: CERCLA Reportable quantity: | None above reporting de minimis. Fire, Immediate Health, Delayed Health None above reporting de minimis. Cumene hydroperoxide (CAS# 80-15-9) 10 lbs. (4.54 kg) |
| California Proposition 65: | This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. |
| nada Regulatory Information | |

Cana

CEPA DSL/NDSL Status:

All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 3

Prepared by: Product Safety and Regulatory Affairs

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