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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: 330 Depend(R) Structural Adhesive
Product type: Tough Acrylic Adhesive
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 33081
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous components</u> | <u>%</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u> |
|--|----------|---|------------------------------|--------------|
| Tetrahydrofurfuryl methacrylate 2455-24-5 | 30-60 | None | None | None |
| Chlorosulphonated polyethylene 68037-39-8 | 10-30 | None | None | None |
| Methacrylic acid 79-41-4 | 5-10 | 20 ppm TWA | None | None |
| Alkyl methacrylate 688-84-6 | 5-10 | None | None | None |
| Talc 14807-96-6 | 0.1-1 | 2 mg/m ³ TWA particulate matter containing no asbestos and <1% crystalline silica | = 20 mppcf TWA | 50 ppm |
| Carbon tetrachloride 56-23-5 | 0.1-1 | 5 ppm TWA 10 ppm STEL (skin) | 10 ppm TWA 25 ppm Ceiling | None |

Under the Clean Air Act this product is exempted from labeling as an ozone depleting chemical (40 CFR 82.106(b)(1)).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Liquid
Color: Amber
Odor: Sharp, Irritating

HEALTH: 2*
FLAMMABILITY: 2
PHYSICAL HAZARD: 1
Personal Protection: See Section 8

WARNING: COMBUSTIBLE LIQUID
CAUSES EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Item No. : 33081

Product name: 330 Depend(R) Structural Adhesive

Inhalation: May cause irritation to nose and throat.
Skin contact: May cause skin irritation. May cause allergic skin reaction.
Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation if swallowed.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: 83°C (181°F) Tagliabue closed cup

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: None

Unusual fire or explosion hazards: None

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Toxic chlorides. Irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent product from entering drains or open waters.

Clean-up methods: Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling: Keep away from heat, spark and flame. Do not breathe mist or vapors. Avoid contact with eyes, skin and clothing.

Storage: For safe storage, store at or below 38°C (100°F). Store away from heat, sparks, flames, or other sources of ignition.

Incompatible products: Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering controls:** Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.
- Respiratory protection:** Use a NIOSH approved air purifying respirator with an organic vapor cartridge if the potential to exceed established exposure limits exists.
- Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.
- Eye/face protection:** Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Liquid
- Color:** Amber
- Odor:** Sharp, Irritating
- Vapor pressure:** Less than 10 mm Hg at 27°C (80°F)
- pH:** Not applicable
- Boiling point/range:** Greater than 149°C (300°F)
- Melting point/range:** Not available
- Specific gravity:** 1.16
- Vapor density:** Not available
- Evaporation rate:** Not available
- Solubility in water:** Slight
- Partition coefficient (n-octanol/water):** Not available
- VOC content:** 1.59%; 18.4 grams/liter

10. STABILITY AND REACTIVITY

- Stability:** Stable.
- Hazardous polymerization:** Will not occur.
- Hazardous decomposition products:** Oxides of carbon. Oxides of sulfur. Toxic chlorides. Irritating organic vapors.
- Incompatibility:** Strong oxidizers.
- Conditions to avoid:** See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

- Product toxicity data:** Acute oral LD50 greater than 10,000 mg/kg (rat). Acute LD50 (oral) :Greater than 4000 (rat).

Carcinogen Status

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen |
|--|--------------------|-----------------|-----------------|
| Tetrahydrofurfuryl methacrylate 2455-24-5 | No | No | No |
| Chlorosulphonated polyethylene 68037-39-8 | No | No | No |
| Methacrylic acid 79-41-4 | No | No | No |
| Alkyl methacrylate 688-84-6 | No | No | No |
| Talc 14807-96-6 | No | No | No |
| Carbon tetrachloride 56-23-5 | Suspect Carcinogen | Group 2B | Yes |

Literature Referenced Target Organ & Other Health Effects

| Hazardous components | Health Effects/Target Organs |
|--|--|
| Tetrahydrofurfuryl methacrylate 2455-24-5 | Allergen, Irritant |
| Chlorosulphonated polyethylene 68037-39-8 | No Target Organs |
| Methacrylic acid 79-41-4 | Allergen, Corrosive, Irritant |
| Alkyl methacrylate 688-84-6 | Allergen, Irritant |
| Talc 14807-96-6 | Some evidence of carcinogenicity, Lung, Irritant |
| Carbon tetrachloride 56-23-5 | Cardiac, Central nervous system, Irritant, Kidney, Liver, Some evidence of carcinogenicity |

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: Waste must be tested to determine the applicable EPA hazardous waste numbers. D019: Carbon tetrachloride.

14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None

WaterTransportation (IMO/IMDG):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None
Marine pollutant: 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 Inventory. |
| TSCA 12 (b) Export Notification: | None. |
| CERCLA/SARA Section 302 EHS: | None above reporting de minimus. |
| CERCLA/SARA Section 311/312: | Immediate Health Hazard, Delayed Health Hazard, Fire |
| CERCLA/SARA 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 CFR 372). Carbon tetrachloride (CAS# 56-23-5). |
| California Proposition 65: | This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. |

Canada Regulatory Information

| | |
|------------------------------|--|
| CEPA DSL/NDSL Status: | All components are listed on or are exempt from listing on the Domestic Substances List. |
| WHMIS hazard class: | B.3, D.2.A, D.2.B |

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 8

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