

Revision Date: 05/21/2007

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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| Product name: 363(TM) Impruv® Potting Compound Light Cure Adhesive UV Curing Product type: Sealant Company address: Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067 | Item No. : 36331 / IDH No. 135415 Region: United States Contact Information: Telephone: 860.571.5100 Emergency telephone: 860.571.5100 Internet: www.loctite.com |
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2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous components</u> | <u>%</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u> |
|--|----------|-------------------------------|----------------------------------|--|
| High boiling methacrylate 68586-19-6 | 30-60 | None | None | None |
| Polyurethane methacrylate resin PROPRIETARY | 30-60 | None | None | None |
| Acrylic acid 79-10-7 | 5-10 | 2 ppm TWA (skin) | 10 ppm TWA; 30 mg/m ³ | 1 ppm TWA (skin); 3 ppm STEL (skin) |
| Hydroxyalkyl methacrylate 868-77-9 | 1-5 | None | None | 3 ppm (ceiling) |
| Photoinitiator 947-19-3 | 1-5 | None | None | None |
| gamma-Glycidoxypropyl trimethoxysilane 2530-83-8 | 1-5 | None | None | None |
| Ethylene glycol 107-21-1 | 0.1-1 | 100 mg/m ³ Ceiling | None | None |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

HMIS:

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

WARNING: CAUSES EYE AND SKIN IRRITATION.
 MAY CAUSE ALLERGIC SKIN REACTION.
 MAY CAUSE RESPIRATORY TRACT IRRITATION.
 MAY BE HARMFUL IF SWALLOWED OR INHALED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause irritation to nose and throat.
Skin contact: Irritating to skin. 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.

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Existing conditions aggravated by exposure:

Skin disorders. Eye disorders. Acrylic acid: Respiratory disorders. Lung disease.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

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| 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

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| Flash point: | Greater than 93°C (200°F) Tagliabue closed cup |
| Autoignition temperature: | Not available |
| Flammable/Explosive limits-lower %: | 2.0 % (Acrylic Acid) |
| Flammable/Explosive limits-upper %: | 8.0 % (Acrylic Acid) |
| Extinguishing media: | Foam, dry chemical or carbon dioxide. |
| Special fire fighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | Oxides of carbon. Irritating organic vapors. |

6. ACCIDENTAL RELEASE MEASURES

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| Environmental precautions: | Prevent product from entering drains or open waters. |
| Clean-up methods: | Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal. |

7. HANDLING AND STORAGE

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| Handling: | Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. |
| Storage: | For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. |
| 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

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| Engineering controls: | Use local exhaust ventilation to maintain airborne concentrations below established exposure limits. |
| Respiratory protection: | Use NIOSH approved respirator if there is potential to exceed exposure limit(s). |
| Skin protection: | Use impermeable gloves and protective clothing as necessary to prevent skin contact. |
| Eye/face protection: | Safety goggles or safety glasses with side shields. |

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9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|--|
| Physical state: | Liquid |
| Color: | Yellow |
| Odor: | Sharp, Irritating |
| Vapor pressure: | Less than 5 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: | 1.1 at 26.6°C (80°F) |
| Vapor density: | Not available |
| Evaporation rate: | Not available |
| Solubility in water: | Slight |
| Partition coefficient (n-octanol/water): | Not available |
| VOC content: | ASTM D5403 Process volatiles 2.14 %, 23.54 grams/liter; Potential volatiles 0.78 %, 8.58 grams/liter; Total volatiles 2.92 %, 32.12 grams/liter. |

10. STABILITY AND REACTIVITY

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| Stability: | Stable. |
| Hazardous polymerization: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of silicon. Irritating organic vapors. |
| Incompatibility: | Strong oxidizers. Reducing agents. Acids. Bases. Alkalis. Aldehydes. Amines. Free radical initiators. Peroxides. |
| Conditions to avoid: | Exposure to sunlight. Heat, flames and sparks. See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10). |

11. TOXICOLOGICAL INFORMATION

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| Product toxicity data: | Acute LD50 (oral): 5000 (rat). (estimated). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated). |
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Carcinogen Status

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen |
|--|----------------|-----------------|-----------------|
| High boiling methacrylate 68586-19-6 | No | No | No |
| Polyurethane methacrylate resin PROPRIETARY | No | No | No |
| Acrylic acid 79-10-7 | No | No | No |
| Hydroxyalkyl methacrylate 868-77-9 | No | No | No |
| Photoinitiator 947-19-3 | No | No | No |
| gamma-Glycidoxypropyl trimethoxysilane 2530-83-8 | No | No | No |
| Ethylene glycol 107-21-1 | No | No | No |

Literature Referenced Target Organ & Other Health Effects

| Hazardous components | Health Effects/Target Organs |
|--|---|
| High boiling methacrylate 68586-19-6 | Allergen, Irritant |
| Polyurethane methacrylate resin PROPRIETARY | Allergen, Irritant |
| Acrylic acid 79-10-7 | Allergen, Corrosive, Irritant, Kidney, Liver |
| Hydroxyalkyl methacrylate 868-77-9 | Allergen, Irritant |
| Photoinitiator 947-19-3 | No data |
| gamma-Glycidoxypropyl trimethoxysilane 2530-83-8 | Allergen, Irritant |
| Ethylene glycol 107-21-1 | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |

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: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

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

Water Transportation (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

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| 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 |
| 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). Acrylic acid (CAS# 79-10-7). |
| California Proposition 65: | This product contains a chemical known to the State of California to cause cancer. |

Canada Regulatory Information

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| CEPA DSL/NDSL Status: | One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List. |
| WHMIS hazard class: | D.2.A, D.2.B |

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 2, 11, 15

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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