

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite(R) 3030 Adhesive
Polyolefin Bonder
Item number: Part A Part of kit: 37220
Product Type: Adhesive
Company Address: Henkel Loctite Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut. 06067
Medical Emergency Number: (860) 571-5100
Fax: (860) 571-5465

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | CAS Number | % | Exposure Limits |
|--|-------------|-------|--|
| Polyfunctional aziridine | Proprietary | 40-60 | Not established. |
| Tetra (ethylene glycol) dimethyl ether | 143-24-8 | 20-30 | Not established. |
| Silica, amorphous, treated | 68909-20-6 | 5-10 | TWA: 10 mg/m3 ACGIH total TWA: 3 mg/m3 ACGIH respirable TWA: 6 mg/m3 Other |
| Substituted borohydride | Proprietary | 5-10 | Not established. |

The components listed below have been registered with the State of New Jersey as Trade Secrets: Polyfunctional aziridine - NJ TSRN 06-070-1067-5467P Substituted borohydride - NJ TSRN 06-070-1067-5468P

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

PHYSICAL STATE: Liquid. COLOR: Clear, yellow. ODOR: Slight Mild.

DANGER! CAUSES EYE, SKIN AND RESPIRATORY TRACT BURNS.

HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED.

MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION.

Potential Health Effects

Eye: Causes eye burns. Blurred vision. Excess tearing. Pain and discomfort. Tissue damage.

Skin: Harmful if absorbed through the skin. Allergic skin reaction. Itching. Causes skin burns. Pain and discomfort. Tissue damage.

Ingestion: Harmful if swallowed.

Inhalation: CAUSES RESPIRATORY TRACT BURNS. May be harmful if inhaled. Shortness of breath. Coughing.

Conditions Aggravated by Exposure: Respiratory disorders. Skin disorders. Eye disorders.

Chronic: Detailed information provided in section 11.

4. FIRST AID MEASURES

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: Immediately flush skin with plenty of water (using soap, if available) for at least 15 minutes while removing contaminated clothing and shoes. Immediately flush skin with plenty of water (using soap, if available) for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get

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medical attention immediately.

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 immediately.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration.
If breathing is difficult, give oxygen. Get medical attention.

Note to Physician:

None.

5. FIRE FIGHTING MEASURES**Flash Point:**

CLOSED CUP : Higher than 200.F (93.3.C). Setaflash.

Extinguishing Media:

In case of fire, use water spray (fog), foam, dry chemicals, or CO2.

Flammable Limits:

Not available.

Special Fire Fighting Procedures:

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Hazardous Combustion Products:

Oxides of nitrogen. Oxides of carbon. Oxides of boron.

Unusual Fire or Explosion Hazards:

None.

6. ACCIDENTAL RELEASE MEASURES**In Case of Spill or Leak:**

Soak up with inert absorbent. Store in closed container until disposal.

7. HANDLING AND STORAGE**Handling:**

Do not swallow. Do not get on skin. Avoid contact with eyes, skin, and clothing. Do not breathe vapor or mist. Do not get in eyes. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Storage:

Keep container tightly closed. Keep in a cool and well-ventilated area.

For information on product shelf life, contact Loctite Customer Service at 1(800)243-4874

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls:**

Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.

Eye/Face Protection:

Chemical splash goggles or safety glasses with side shields. Full face shield should be used if the potential exists for splashing or spraying of product.

Skin Protection:

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

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Respiratory Protection:

Use a NIOSH approved air-purifying respirator with an organic vapor cartridge. Use a full face supplied air respirator if airborne concentrations exceed established exposure limits.

See Section 2 COMPOSITION/INFORMATION ON INGREDIENTS for exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Clear, yellow.
 Material State: Liquid.
 Odor: Slight Mild.
 Boiling point: Not available.
 pH: Not applicable.
 Solubility in Water: Slightly soluble
 Specific gravity: 1.1277
 VOC: 274 g/l (24.3%)
 Vapor Pressure: Not available.
 Vapor density: Not available.
 Evaporation Rate: Not available.

10. STABILITY AND REACTIVITY

Stability:

Unstable.

Conditions to Avoid:

Heat.

Incompatibility:

Oxidizing agents, Acids. Water. Oxygen. Alcohols. Anhydrides.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Explosive peroxides., Hydrogen.

11. TOXICOLOGY INFORMATION

Product Toxicology Data:

Not available.

| Ingredient | Carcinogen | | |
|--|------------|------|------|
| | NTP | IARC | OSHA |
| Polyfunctional aziridine | No | No | No |
| Tetra (ethylene glycol) dimethyl ether | No | No | No |
| Silica, amorphous, treated | No | No | No |
| Substituted borohydride | No | No | No |

Key to abbreviations:

Not applicable.

Ingredient

| Ingredient | Health Effects/Target organs |
|--|----------------------------------|
| Polyfunctional aziridine | Allergen. Irritant. Respiratory. |
| Tetra (ethylene glycol) dimethyl ether | Not available. |
| Silica, amorphous, treated | No target organs. |
| Substituted borohydride | Not available. |

12. ECOLOGICAL INFORMATION

Ecological Information:

None known

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:

Dispose according to EPA and local governmental regulations.

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EPA Hazardous Waste Number:
D002

14. TRANSPORTATION INFORMATION

Domestic Transportation (D.O.T. 49 CFR)-GROUND

Shipping Description:
Not regulated.

Exceptions:
Not applicable.

International Air Transportation (ICAO/IATA)-

Shipping description:
Not regulated.

Exceptions:
Not applicable.

Marine pollutant:
None known

15. REGULATORY INFORMATION

SARA Title III Section 313 Chemicals:
None.

SARA Title III Section 311/312:
Reactive, Immediate health hazard, Delayed health hazard

Toxic Substances Control Act:
All components are listed on or are exempt from listing on the Toxic
Substances Control Act Inventory.

TSCA Section 12(b) annual:
None.

TSCA Section 12(b) one time:
None.

Canadian Inventory Status:
One or more components are not listed on or exempt from listing on the
Canadian Domestic Substances List or have not been fully investigated.
Contains a component(s) listed on the Non-Domestic Substances List.

California Proposition 65:
No California Proposition 65 chemicals are known to be present.

16. OTHER INFORMATION

NFPA Code:
Health: 3
Flammability: 1
Reactivity: 2
Special: Corrosive

HMIS Code:
Health: 3
Flammability: 1
Reactivity: 2
Protective Equipment: See Section 8.