

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

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Loctite(R) 5030 Adhesive Sealant Dri-Seal(R)
34578

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) 5030 Adhesive Sealant Dri-Seal(R)
Pre-Applied Coating
Item No.: 34578
Product Type: Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Water	7732-18-5	55-60
Acrylic polymer	Proprietary	15-20
Mica	1318-94-1	5-10
Poly(ethylene)	9002-88-4	5-10
Poly(tetrafluoroethylene)	9002-84-0	3-5
TITANIUM DIOXIDE	13463-67-7	1-3
AMMONIUM HYDROXIDE	1336-21-6	0.1-1
SILICA, QUARTZ	14808-60-7	0.1-1
SODIUM NITRITE*	7632-00-0	0.1-1

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

The acrylic polymer is registered with the State of New Jersey as a
secret: NJTSRN 06-070-1067-5226P

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Mica	3 mg/m3 TWA	20 mppcf	None
Poly(tetrafluoroethylene)	None	None	AEL (DuPont) 5mg/m3 8hr dust
TITANIUM DIOXIDE	10 mg/m3	15 mg/m3 Total dust	None
AMMONIUM HYDROXIDE	25 ppm(ammonia)	50 ppm(ammonia)	None
SILICA, QUARTZ	0.05mg/m3 TWA respirable dust	0.1mg/m3 TWA respirable dust	None
SODIUM NITRITE	None	None	AEL (DuPont) 2mg/m3, 8hr dust
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
AMMONIUM HYDROXIDE	35 ppm(ammonia)	None	

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3. HAZARDS IDENTIFICATION

Toxicity: May irritate eyes, skin, nose, throat and lungs.
 Primary Routes of Entry: Inhalation, ingestion, contact.
 Signs and Symptoms of Exposure: Irritation of eyes, skin, nose, throat, or lungs.
 Existing Conditions
 Aggravated by Exposure: Ammonium hydroxide: skin and respiratory disorders
 Mica: respiratory disorders

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Water	NTO	NO	NO	NO
Acrylic polymer	No Data	NO	NO	NO
Mica	LUN	NO	NO	NO
Poly(ethylene)	NTO	NO	N/A	NO
Poly(tetrafluoroethylene)	NTO	NO	N/A	NO
TITANIUM DIOXIDE	IRR RES	NO	NO	NO
AMMONIUM HYDROXIDE	COR IRR	NO	NO	NO
SILICA, QUARTZ	AC2 IMM LUN SOM	YES	2A	NO
SODIUM NITRITE	BLO CNS MUT VAS	NO	NO	NO

Abbreviations

N/A Not Applicable	2A Probably carcinogenic to humans
AC2 ACGIH suspected human carcinogen	BLO Blood
CNS Central nervous system	COR Corrosive
IMM Immune system	IRR Irritant
LUN Lung	MUT Mutagen
NTO No Target Organs	RES Respiratory
SOM Some evidence of carcinogenicity	VAS Vascular

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.
 Obtain medical attention.
 Inhalation: Remove to fresh air. If symptoms persist, obtain
 medical attention.
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush at least 15 minutes with water.
 Obtain medical attention.

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5. FIRE FIGHTING MEASURES

Flash Point: Aqueous Method: Does not apply
Recommended
Extinguishing Agents: Use the type suitable for surrounding fire.
Special Firefighting
Procedures: Not available
Hazardous Products formed
by Fire or Thermal Decomp Acrylic monomers
At flame temperatures, traces of toxic fluorides
and hydrogen cyanide may be formed.
Unusual Fire or
Explosion Hazards: None
Explosive Limits:
(% by volume in air)Lower 16% (ammonia) Ammonium hydroxide
(% by volume in air)Upper 25% (ammonia) Ammonium hydroxide

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Scrape up as much as possible and clean the
residue promptly with soap and water.

7. HANDLING AND STORAGE

Safe Storage: Store below 100°F. Protect from freezing.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Avoid prolonged skin contact. Keep away from eyes.
Avoid prolonged breathing of vapors.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Sufficient to maintain vapor concentration below
TLV.
Respiratory Use NIOSH approved half-mask air-purifying
respirator with ammonia/methylamine cartridge if
vapor concentration exceeds TLV.
See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue dispersion
Odor: Ammonia
Boiling Point: Approximately 212°F
pH: 9.3

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9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Solubility in Water: Aqueous
Specific Gravity 1.1365
Volatile Organic Compound
(EPA Method 24) 3.43%; 39.0 grams per liter of material
Vapor Pressure: Approximately 20 mm Hg
Vapor Density: Less than 1
Evaporation Rate
(Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Acids
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

Estimated oral LD50 greater than 5000 mg/kg.
Estimated dermal LD50 greater than 2000 mg/kg.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste
Number NH - Not a RCRA Hazardous 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

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15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains chemicals known to
the State of California to cause cancer.
Ethyl acrylate

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 1
Fire Hazard: 0
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 1
Flammability Hazard: 0
Reactivity Hazards: 0
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.

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