



Material Safety Data Sheet

Lawn-Boy, Inc.
 8111 Lyndale Ave S
 Bloomington, MN 55420

Revision Date: August 24, 2009

Issue Date: September 1, 2009

Product Identification

Product Name:	Loctite Pipe Thread Compound	Parts Number: 505-85
Product type:		
MSDS #		
Emergency Contact:	Chemtrec : 1-800-424-9300	
Contact Number:	1-952-888-8801	

Chemical Components

Chemical	CAS #	%	ACGIH TLV	OSHA PEL	Other
Bisphenol A fumarate resin	39382-25-7	30-60	None	None	None
Polyglycol dimethacrylate	25852-47-5	10-30	None	None	None
Polyglycol laurate	9004-81-3	10-30	None	None	None
Polyethylene glycol monococoate	61791-29-5	10-30	None	None	None
Poly(tetrafluoroethylene)	9002-84-0	5-10	None	None	AEL (DuPont): 10 mg/m3, 8 Hr TWA, total dust; 5mg/m3, 8 hr. TWA respirable dust
Poly(ethylene)	9002-88-4	5-10	None	None	None
Titanium dioxide	13463-67-7	1-5	10 mg/m ³ TWA	15 mg/m ³ TWA total dust	None
Silica, amorphous, fumed, crystalline-free	112945-52-5	1-5	6 mg/m ³ TWA	10 mg/m ³ TWA	3 mg/m ³ TWA respirable dust
Saccharin	81-07-2	1-5	None	None	None

Physical and Chemical Properties

Characteristics		Physical Properties		Hazards Description	Physical Dangers
Physical State	Paste	Vapor pressure	Less than 5 mm Hg at 27°C (80°F)	Stability: Stable. Hazardous polymerization: Will not occur. Hazardous decomposition products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Toxic fluorine compounds. Phenols. Irritating organic vapors. Incompatibility: Strong oxidizers. Reducing agents. Acids. Bases. Rust. Zinc. Aluminum. Iron. Copper. Alkalis. Aldehydes. Amines. Free radical initiators. Peroxides. Conditions to avoid: Exposure to sunlight. Heat, flames and sparks	CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION.
Color	White	pH	Not applicable		
Odor	mild	Boiling point/range:	Greater than 149°C (300°F)		
HMIS Rating		Melting point/range:	Not available		
Health:	2	Specific gravity	1.14		
Flammability:	1	Vapor density	Not available		
Physical Hazard:	1	Evaporation rate	Not available		
		Solubility in water	Slight		
		VOC content:	0.1262%; 1.3841 grams/liter		
		Partition coefficient (n-octanol/water):	Not available		

Health Hazards

Major Routes of Exposure:	Ingredients Considered Hazardous to Health	Potential Health Effects:
Inhalation		Inhalation. May cause respiratory tract irritation.
Skin		Skin contact May cause allergic skin reaction. May cause skin irritation.
Ingestion		Eye contact: Contact with eyes will cause irritation.
Eye		Ingestion: Not expected to be harmful by ingestion.
Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.		

First Aid Measures	Personal Protection
<p>Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.</p> <p>Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.</p> <p>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.</p> <p>Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.</p>	<p>Engineering controls: No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.</p> <p>Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).</p> <p>Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.</p> <p>Eye/face protection: Safety goggles or safety glasses with side shields</p>

Fire and Explosion Hazards

Extinguishing Media	Special Fire Fighting Procedures	Unusual Fire and Explosion Hazards
Foam, dry chemical or carbon dioxide.	<p>Flash point: Greater than 93°C (200°F) Tagliabue closed cup</p> <p>Autoignition temperature: Not available</p> <p>Flammable/Explosive limits-lower %: Not available</p> <p>Flammable/Explosive limits-upper %: Not available</p> <p>Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear</p>	<p>Unusual fire or explosion hazards: None</p> <p>Hazardous combustion products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Toxic fluorine compounds. Irritating organic vapors</p>

Handling and Storage

Accidental Release /Spill Measures to Take	Precautions for Storage	Handling
<p>Environmental precautions: Prevent product from entering drains or open waters.</p> <p>Clean-up methods: Soak up with inert absorbent. Store in a partly filled, closed container until disposal.</p>	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.	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.

Disposal/Transportation

Disposal Method	Transportation
<p>Dispose of according to Federal, State and local governmental regulations.</p> <p>EPA hazardous waste number: Not hazardous</p>	<p>U.S. Department of Transportation Ground (49 CFR): Proper shipping name: Unrestricted Hazard class or division: None Identification number: None Packing group: None</p> <p>International Air Transportation (ICAO/IATA): Proper shipping name: Unrestricted Hazard class or division: None Identification number: None</p> <p>Water Transportation (IMO/IMDG): Proper shipping name: Unrestricted Hazard class or division: None Identification number: None Packing group: None Marine pollutant: None</p>

Regulations

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: 4-Methoxyphenol (150-76-5).

CERCLA/SARA Section 302 EHS: None above reporting de minimus.

CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard

CERCLA/SARA 313: None above reporting de minimus.

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/NDL Status: Contains one or more components listed on the Non-Domestic Substances list.

WHMIS hazard class: D.2.B

Toxicology Information

Product toxicity data: Acute oral LD50 greater than 10, 000 mg/kg (rat). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen	Health Effects/Target Organs
Bisphenol A fumarate resin 39382-25-7	No	No	No	Allergen, Irritant
Polyglycol dimethacrylate 25852-47-5	No	No	No	Allergen, Irritant
Polyglycol laurate 9004-81-3	No	No	No	Allergen, Irritant
Polyethylene glycol monococoate 61791-29-5	No	No	No	No Target Organs
Poly(tetrafluoroethylene) 9002-84-0	No	No	No	No Target Organs
Poly(ethylene) 9002-88-4	No	No	No	No Target Organs
Titanium dioxide 13463-67-7	No	No	No	Irritant, Respiratory
Silica, amorphous, fumed, crystalline-free 112945-52-5	No	No	No	Nuisance dust
Saccharin 81-07-2	No	No	No	No Target Organs

Ecological Information

Not available