



LPS LABORATORIES WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification and Use

Manufacturer's Name:
LPS Laboratories

Product Identifier:
LPS RTV Silicone Sealant

Address (Number Street):
4647 Hugh Howell Road

Product Use: Non-conducting protectant for electrical connections.

Address (City, State, Zip):
Tucker, GA 30085-5052

Part Numbers:
C03712

Telephone Number: 770-243-8800
Emergency Telephone Number:

Packaging:
Pressurized Tube (205 grams)

1-613-996-6666 CANUTEC

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS Classification:
Class A, Class D Div. 2B

Section 2 - Hazardous Ingredients

Ingredients	CAS Numbers	%WW	LC 50	LD 50	TLV
Hydroxy-terminated polydimethylsiloxane	70131-67-8	60 – 80%	Not Available	>16 ml/kg (dermal)	Not available
Silica, amorphous	7631-86-9	10 – 20%	Not Available	Not Available	Not available
Ethyltriacetoxysilane	17689-77-9	1 – 5%	Not Available	Not Available	Not available
Methyltriacetoxysilane	4253-34-3	1 – 5%	Not Available	2060 mg/kg/oral/rat	Not available
Nitrogen	7727-37-9	1 – 5%	Not Available	Not Available	Not available

Section 3 - Physical Data

Boiling point (0 C°):	n.av.	Specific gravity (H2O = 1):	1.0 - 1.04
Vapor pressure (mmHg) @ 38°C :	n.av.	Evaporation rate (Water = 1):	n.ap.
Vapor density (Air = 1):	n.av.	Freezing Point (C°):	n.av.
Coefficient of water/oil distribution:	n.av.	pH:	n.ap.
Physical State:	Gel	Solubility in water (%):	none.
Odor/Color: Clear, colorless vinegar odor		Percent volatile by volume (%):	0
Odor Threshold (ppm):	n.av.		

Section 4 - Fire and Explosion Hazard

Flammability: Yes No **Flash point (method used):** >100°C TCC

Flammable limits : LEL n.av. UEL n.av.

Autoignition Temperature: n.av.

Extinguishing media: Use water spray or fog, CO2, dry chemical or water stream.

Hazardous Decomposition Products: carbon oxides (CO, CO2)

Sensitivity to static discharge: None. **Sensitivity to impact:** None

Special hazards (including explosion data): Excessive heat created by fire will cause pressurized tubes to burst.

n.av. = not available
n.ap. = not applicable

Section 5 - Reactivity Data

Stability: Stable

Conditions to avoid: Avoid contact with oxidizing agents.

Incompatibility (Materials to avoid): Extremely reactive or incompatible with oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield carbon oxides, formaldehyde, hydrogen and metal oxides.

Hazardous polymerization: Will not occur.

Reactivity and under what conditions: If contents are released in an uncontrolled manner into water, acetic acid fumes will be released.

Section 6 - Toxicological Properties

Primary route(s) of entry: Inhalation, eyes.

Exposure Limits: Not established

Health hazard/effects of over exposure:

Inhalation: Respiratory irritation. High vapor concentrations can result in eye, nasal and respiratory tract irritation.

Eyes: Fluid may cause irritation.

Skin: Fluid may cause irritation.

Ingestion: Not a likely route of exposure. Ingestion may result in nausea, abdominal discomfort, or diarrhea.

Chronic effects of exposure: None known.

Carcinogenicity: None known at this time.

Medical conditions aggravated by exposure: None known.

Other toxicological properties (including reproductive toxicity, synergistic effects, sensitization, teratogenicity, mutagenicity): None known.

Section 7 - Preventative Measures

Personal Protection:

Hands: Use Silver Shield® or 4H® (or other appropriate) gloves.

Eyes: Contact lenses should not be worn. Have eye wash facilities immediately available.

Respiratory: None required if good ventilation is maintained. If vapor concentration rises above TLV, use NIOSH approved organic vapor cartridge respirator. For large spills or emergencies in completely enclosed areas, use self-contained breathing apparatus.

Engineering Controls: Ventilate low lying areas where vapors may collect. Provide local exhaust if TLV is exceeded.

Procedures to be followed in case of leak or spill: Evacuate area, ventilate and avoid breathing vapors. Contain spill, remove leaking container and transfer product to another vessel. Clean up area by mopping or soak up with absorbent material. Place in closed containers. Do not flush to sewer.

Waste disposal: Dispose of in accordance with municipal, provincial, and federal regulations. Recovered liquid may be sent to licensed reclaimer or incinerator. Do not incinerate aerosols. Do not flush to the sewer.

Handling and Storage Procedures: Store aerosols below 50°C and above 0°C. Store all materials in dry, well-ventilated area away from ignition sources. Avoid breathing vapors and prolonged skin contact. Vapors are heavier than air.

H.M.I.S. Labeling: - 1996

Health: 1

Fire: 0

Reactivity: 0

N.F.P.A. Labeling:

Health: 2

Fire: 0

Reactivity: 0

Section 8 - First Aid Measures

Inhalation: Move to fresh air and provide oxygen if breathing is difficult.

Eyes: Flush eyes with plenty of water. If irritation persists, contact physician.

Skin: Wash with soap and water.

Ingestion: Give two glasses of water and call a physician immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.

Section 9 - Preparation Date

The foregoing technical information and recommendations are compiled from sources that are believed to be accurate and reliable. However, they are supplied without warranty or guarantee of any kind either expressed or implied. The purchaser is responsible for selecting and determining the suitability of products for purchaser's particular needs and we disclaim any responsibility for improper applications or misuse of our products in any manner whatsoever.

June 26, 2009
LPS Laboratories

WHMIS LPS RTV Silicone Sealant

