



125 4740

LPS LABORATORIES
MSDS
MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification and Use

Manufacturer's Name:
LPS Laboratories

Address (Number Street):
4647 Hugh Howell Road

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

Telephone Number: 770-934-7800

Emergency Telephone Number: 1-800-424-9300 Chemtec
Outside U.S.: (703) 527-3887

Trade Name:
Strong Aluminum Sticks

Chemical Family:
Filled Epoxy Resin

Part Numbers:
60160

Hazardous Materials Description and proper shipping name (49 CFR 172.101): Not Regulated

TSCA Inventory:
All of the ingredients are listed on the TSCA Inventory.

HMIS Labeling: **Health:** 1
 Flammability: 1
 Reactivity: 0

Section 2 - Hazardous Ingredients / Identity Information

Ingredients	CAS Numbers	%WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
Bisphenol A/ Epichlorohydrin Resin	25068-38-6	10-20	N.E.	N.E.	None
Tris (dimethyl amino methyl) phenol	90-72-2	1-5	N.E.	N.E.	None
Mercaptan Polymer	*	10-20	N.E.	N.E.	None
Aluminum Powder	7429-90-5	5-15	N.E.	15 mg/m3	None
Magnesium Silicate Hydrate	14807-96-6	45-55	20 mppcf	2 mg/m3	None
Fibrous Glass	65997-17-3	5-15	15 mg/m3	10 mg/m3	3 X 106 Fibers /m3 10 hr. TWA

* specific chemical withheld as a trade secret by the manufacturer of this substance

Section 3 - Physical / Chemical Characteristics

Boiling point (F°):	N.E.	Weight per gallon:	15.8 lbs.
Vapor pressure (mmHg) @ 20°C:	nil	Percent volatile by volume (%):	0
Vapor density (Air = 1):	N.E.	Evaporation rate (n-Butyl Acetate = 1):	N.A.
Solubility in water:	Insoluble		
Appearance and odor: Silver and gray putty stick, sulfur odor			

Section 4 - Fire and Explosion Hazard

Flash point (method used): None **Flammable limits:** Upper: N.E. Lower: N.E.
Extinguishing media: Use water fog, foam, carbon dioxide (CO2) or dry chemical
Special fire fighting procedures: Wear self-contained breathing apparatus and complete personal protective equipment.
Unusual fire and explosive hazards: None known.

Section 5 - Health Hazard Data

N.E. = Not established
N.A. = Not applicable

Primary route(s) of entry: Eyes, skin contact

Health hazard/effects of over exposure:

Inhalation: May cause respiratory irritation if heated above 100°F.

Eyes: Possible irritant and sensitizer.

Skin: Possible irritant and sensitizer.

Ingestion: Irritation of intestinal tract.

Chronic Effects of Overexposure: Prolonged contact with the skin may result in skin irritation and sensitization.

Carcinogenicity: This material is not considered to be carcinogenic by NTP, IARC or OSHA.

Mutagenicity (Ames Test): Both positive and negative results for CAS# 25068-38-6.

Medical conditions aggravated by exposure: Pre-existing eye or skin disorders may be aggravated by exposure to this product. Pre-existing skin allergies may increase the chance of developing increased allergy symptoms.

Emergency and first aid procedures:

Inhalation: In case of exposure to product heated above 100°F, remove person to fresh air. Get medical attention if effects develop.

Eyes: Flush with plenty of water for at least 15 minutes and seek immediate medical attention.

Skin: Wash contact area with soap and water.

Ingestion: Do not induce vomiting. Seek medical attention.

Section 6 - Reactivity Data

Stability: Stable

Conditions to avoid: Excessive heat.

Incompatibility (Materials to avoid): Strong oxidizing agents and mineral acids.

Hazardous decomposition products: Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide, aldehydes, acids, oxides of nitrogen and sulfur.

Hazardous polymerization: Will not occur.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Mix putty thoroughly and allow to harden. Dispose as a solid waste.

Waste disposal methods: See above.

RCRA Hazardous Waste No.: N.A.

CERCLA Reportable Quantity: If this product becomes a waste, it would not be a hazardous waste by RCRA criteria (40 CFR 261). Place in an appropriate disposal facility in compliance with local regulations.

SARA TITLE III Chemicals: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered under applicable definitions, to meet the following categories: An immediate health hazard. This product contains no ingredients subject to SARA Title III Section 313.

Precautions to be taken in handling and storage: Avoid eye contact and excessive skin contact.

Section 8 - Control Measures

Respiratory Protection: Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to product heated above 100°F is likely unless levels are below applicable limits.

Ventilation: Local exhaust is recommended when appropriate to control employee exposure if heated above 100° F.

Protective gloves: For operations where prolonged contact can occur, wear polyethylene gloves.

Eye protection: Safety glasses with side shields.

Other protective equipment: If sanding cured putty or substrate, wear eye protection and dust mask.

Work/hygienic practices: Wash hands with soap and water after use and/or before breaks, lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.