



MSDS Number: SILICONE

Revised/Reviewed: 04/18/2008

Revised From: NEW

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TOLL COATING

SECTION 1 • PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME OR NUMBER: SILICONE RUBBER TOLL COATING OF CUSTOMER PROVIDED KEVLAR CLOTH.

COMPANY: Mid-Mountain Materials, Inc.
ADDRESS: Office: 2835 82nd Ave SE Ste 100
Mercer Island, WA 98040

Plant: 18825 67th Ave. NE
Arlington, WA 98223
TELEPHONE: 206-762-7600
FAX: 206-762-7694
COMPLETED BY: A.K.Das

SECTION 2 • COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL / COMMON NAME	C.A.S. NUMBER	% BY WEIGHT (opt)
• Polysiloxanes (Silicone)(Cured)	63148-53-8	
• Zinc Borate	10192-46-8	Trace

SECTION 3 • HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

There are no known health affects connected with long term use or contact with this silicone coating product.

See section 11 of MSDS for toxicology information.

SECTION 4 • FIRST AID MEASURES

EMERGENCY/FIRST AID PROCEDURES

SKIN: N/A

EYE: N/A

INHALATION: N/A

INGESTION: Ingestion of this material is not likely. If it does occur, watch for several days to make sure intestinal blockage does not occur. If there is blockage, seek medical attention.

SECTION 5 • FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING INSTRUCTIONS: In a sustained fire, self - contained breathing apparatus, (SCBA), should be worn.

FLASH POINT: Non-burning

FLAMMABILITY LIMITS: N/A

LOWER EXPLOSIVE LIMIT: None - does not support flame.

UPPER EXPLOSIVE LIMIT: None - does not support flame.

AUTO IGNITION TEMPERATURE: N/A

SPECIAL EXPOSURE HAZARDS FROM FIRE: There are many chemicals that can evolve during any partial decomposition of chemical products. The amounts or identities cannot be predicted and can differ in each situation.

SECTION 6 • ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS/LEAK: N/A

SECTION 7 • HANDLING AND STORAGE

PRECAUTIONS: For optimum performance, store at 80°F (27°C) or less and relative humidity less than 65%. Not an electrical conductor. Can accumulate static charge.

SECTION 8 • EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: N/A

PERSONAL PROTECTIVE EQUIPMENT/PROTECTIVE MEASURES

RESPIRATORY PROTECTION: N/A

PROTECTIVE CLOTHING: N/A

EYE PROTECTION: N/A

WORK/HYGIENIC PRACTICES: Wash thoroughly with soap and water after use.

EXPOSURE GUIDELINES: N/A

SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

COLOR AND ODOR: Red. No odor.

PERCENT SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY (water = 1): ND

VAPOR PRESSURE: (mm Hg @ 20°C): N/A

VISCOSITY: N/A

MELTING POINT: N/A

BOILING POINT: N/A

EVAPORATIVE RATE (n-Butyl Acetate = 1): N/A

PERCENT VOLATILE BY VOLUME: N/A

POUR POINT: N/A

pH: N/A

SECTION 10 • STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

INCOMPATIBILITY: None known

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11 • TOXICOLOGY INFORMATION

CARCINOGENICITY: the table below indicates whether or not each agency has listed each ingredient as a carcinogen:

INGREDIENT	AGGIH	IARC	NTP	OSHA
• Polysiloxane (Silicone)				



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	No	No	No	No
• Zinc Borate	No	No	No	No

SECTION 12 • ECOLOGICAL INFORMATION

This coating does not contain, nor is manufactured with, Class I or Class II Ozone-Depleting Chemicals (CFCs) identified in the Clean Air Act Amendment, 1990 List of Ozone Depleting Chemicals.

SECTION 13 • DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Dispose solid waste in accordance with local, state and federal regulations. Not considered a hazardous waste under RCRA regulations.

SECTION 14 • TRANSPORTATION INFORMATION

DOT INFORMATION: Not regulated.

HAZARD CLASS: Not considered hazardous waste under federal "RCRA" regulations.

PROPER SHIPPING NAME: Not regulated.

LABELS REQUIRED: None

BILL OF LADING DESCRIPTION: None

UN/NA CODE: None

SECTION 15 • ADDITIONAL REGULATORY INFORMATION

UNITED STATES: Subject to the applicable requirements of this regulation. Per this MSDS revision date, these fiberglass products are not known to contain chemical ingredients listed by the Pennsylvania, New Jersey or Massachusetts Right to Know Law in excess of amounts requiring reporting on such substances' MSDS or labels.

CANADA: Exempt from Canadian Environmental Protection Act (CEPA) reporting on the Domestic Substances Lists as these products are considered "articles". Exempt from Workplace Hazardous Materials Information System (WHMIS) labeling & MSDS requirements.

SECTION 16 • OTHER APPLICABLE INFORMATION

HMIS and NFPA Hazard Rating:

CATEGORY	HMIS	NFPA
Acute Health	0	0
Flammability	0	0
Reactivity	0	0
NFPA Unusual Hazards: None		

HMIS Personal Protection: To be supplied by user depending upon use.

DEFINITIONS

- 29 CFR 1910.134 & 1926.103: OSHA Respiratory Protection Standards
- 29 CFR 1910.1200 & 1926.59: OSHA Hazard Communication
- ACGIH American Conference of Governmental Industrial Hygienists

- ADR Carriage of Dangerous Goods by Road (International Regulation)
- CAA Clean Air Act
- CAS Chemical Abstract Services
- CERCLA Comprehensive Environmental Response, Compensation and Liability Act
- CFR Code of Federal Regulations
- DOT Department of Transportation
- DSL Domestic Substances List (Canada)
- EEC European Economic Committee
- EINECS European Inventory of Existing Commercial Chemical Substances
- EPA Environmental Protection Agency
- EU European Union
- HEPA High Efficiency Particulate Air
- HMIS Hazardous Materials Information System
- IARC International Agency for Research on Cancer
- IATA International Air Transport Association
- IMDG International Maritime Dangerous Goods Code
- LC Lethal Concentration
- LD Lethal Dose
- NFPA National Fire Protection Association
- NIOSH National Institute for Occupational Safety and Health
- NTP National Toxicology Program
- OSHA Occupational Safety and Health Administration
- PEL Permissible Exposure Limit
- PIN Product Identification Number
- PNOC Particulates Not Otherwise Classified
- PNOR Particulates Not Otherwise Regulated
- RCRA Resource Conservation and Recovery Act
- RID Carriage of Dangerous Goods by Rail (International Regulation)
- SARA Superfund Amendments and Reauthorization Act
- STEL Short Term Exposure Limit
- TCLP Toxic Chemical Leachate Program
- TDG Transportation of Dangerous Goods

TITLE III EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT - SECTION:

- 302 Extremely Hazardous Substances
- 303 Emergency Release
- 311 MSDS/List of Chemicals
- 312 Emergency and Hazardous Inventory
- 313 Toxic Chemicals Release Reporting

- TLV Threshold Limit Value
- TSCA Toxic Substance Control Act
- TWA Time Weighted Average
- WHMIS Workplace Hazardous Materials Information System

- cm centimeter
- f/cc fibers per cubic centimeter
- g gram
- in inch
- kg kilogram
- lb pound
- m meter
- mg milligram
- mg/m3 milligrams per cubic meter of air
- mppcf million particles per cubic meter
- mm millimeter
- oz ounce



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ppm parts per million
mg microgram

NA	Not Applicable
ND	No Data/Not Determined
NE	Not Established
NR	Not Regulated

To the best of our knowledge, the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy or completeness of such information. Moreover, there is a need to reduce human exposure to many materials to the lowest practical limits in view of possible long term adverse effects. To the extent that any hazards may have been mentioned in the publication, we neither suggest nor guarantee that such hazards are the only ones that exist. Final determination of the suitability of any information or product for the use contemplated by any user, the manner of that use, and whether there is any infringement of any patents is the sole responsibility of the user. We recommend that anyone intending to rely on any recommendation or to use any equipment, processing technique, or material mentioned in this publication should satisfy himself as to such suitability and that he can meet all applicable safety and health standards. We strongly recommend that users seek and adhere to the manufacturers' or suppliers' current instruction for handling each material they use.

<<< End of MSDS >>>