



MATERIAL SAFETY DATA SHEET

ALUMILASTIC[®]

Revision Date: Feb. 7, 2013

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION

Edge Adhesives
3200 C.R. 6 East
Elkhart, Indiana 46514
Phone: 574-264-9614

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

PRODUCT NUMBER: ALUMILASTIC[®]
PRODUCT DESCRIPTION: Sealing Compound

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Based on data available to Edge Adhesives, unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200). The composition of this compound is proprietary information. In the event of a medical emergency, detailed information will be provided to a nurse or physician.

| Chemical Name | CAS # | PERCENT | OSHA PEL |
|------------------|------------|---------|--|
| Stoddard solvent | 8052-41-3 | 1 - 5 | TWA 100 ppm |
| Soybean oil | 68122-64-5 | 10 - 30 | TWA (Respirable dust) 5 MG/M3; TWA (Total dust) 15 MG/M3 |

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Cancer Hazard

HMIS RATING: HEALTH – 0 FLAMMABILITY – 1 REACTIVITY – 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY:

EYE: Eye contact may cause moderate to severe eye irritation. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

SKIN: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. Avoid unnecessary exposure.

INHALATION: Can cause moderate respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. Inhalation of high concentrations may result in central nervous system (CNS) impairment such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination. This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of this product, such material(s) are encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

INGESTION: Ingestion is not an anticipated route of exposure. Harmful if swallowed. Seek medical attention.

LONG-TERM (CHRONIC) HEALTH EFFECTS:

TARGET ORGAN(S): Central Nervous System, Lungs, Kidneys

REGULATED CARCINOGEN STATUS: Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease; Kidney disease

SECTION 4: FIRST AID MEASURES

IF IN EYES: Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

IF ON SKIN: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

IF VAPORS INHALED: Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

SECTION 5: FIRE FIGHTING MEASURES

| | |
|-------------------------------------|--|
| FLASH POINT: | 64C, 147F |
| AUTOIGNITION TEMPERATURE: | Not established |
| LOWER EXPLOSIVE LIMIT (% in air): | Not established |
| UPPER EXPLOSIVE LIMIT (% in air): | Not established |
| EXTINGUISHING MEDIA: | Use water spray, foam, dry chemical or carbon dioxide |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: | Material will burn in a fire |
| SPECIAL FIRE FIGHTING INSTRUCTIONS: | Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment |
| HAZARDOUS COMBUSTION PRODUCTS: | Carbon dioxide, Carbon monoxide Chlorine containing gases |

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
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| SPECIAL PROTECTION: | No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS. |
| CLEAN-UP: | Scrape up and place in disposal container. |

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SECTION 7: HANDLING AND STORAGE

| | |
|-----------|---|
| Handling: | No special handling requirements due to toxicity. |
| Storage: | Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed. |

Consult the Technical Data Sheet for specific storage instructions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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|-------------------------|--|
| EYE PROTECTION: | Wear safety glasses with side shields when handling this product. |
| SKIN PROTECTION: | Avoid skin contact by wearing chemically resistant gloves and a long sleeved shirt. |
| GLOVES: | Butyl rubber or nitrile gloves are recommended. |
| RESPIRATORY PROTECTION: | Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. A NIOSH approved air purifying respirator with an organic vapor cartridge is recommended. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134). |
| VENTILATION: | Use local exhaust ventilation or other engineering controls to minimize exposures. |

EXPOSURE LIMITS:

| Chemical Name | ACGIH EXPOSURE LIMITS | AIHA WEEL |
|------------------|-----------------------|-----------------|
| Stoddard solvent | TWA 100 ppm | Not established |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|----------------------------|
| PHYSICAL STATE: | Gel |
| COLOR: | Aluminum |
| ODOR: | Solvent, Aromatic pre-cure |
| ODOR THRESHOLD: | Not established |
| WEIGHT PER GALLON (lbs.): | 13.44 |
| SPECIFIC GRAVITY: | 1.61 |
| SOLIDS (% by weight): | 96% |
| pH: | Not established |
| BOILING POINT (deg. C): | Not established |
| FREEZING/MELTING POINT (deg. C): | Not established |
| VAPOR PRESSURE (mm Hg): | Not established |
| VAPOR DENSITY: | Not established |
| EVAPORATION RATE: | Not established |
| OCTANOL/WATER COEFFICIENT: | Not established |

SECTION 10: STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| STABILITY: | Stable under normal conditions |
| CHEMICAL INCOMPATIBILITY: | Strong oxidizing agents |
| HAZARDOUS POLYMERIZATION: | Will not occur |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Carbon monoxide, carbon dioxide, chlorine containing gases, nitrogen containing gases |

SECTION 11: TOXICOLOGICAL INFORMATION

| CHEMICAL NAME | LD50/LC50 |
|-------------------------|----------------------------|
| Calcium carbonate | Oral LD50 Rat = 6450 mg/kg |
| Silica, amorphous fumed | Oral LD50 Rat 3160 mg/kg |

TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12: ECOLOGICAL INFORMATION**OVERVIEW: Volatile Organic Content:**

- 78 g VOC/liter of material (VOC theoretically determined using EPA Reference method 24)
- 78 g VOC/liter of material, less water and exempt solvents (VOC theoretically determined using EPA Reference method 24)

SECTION 13: DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in accordance with federal, state, and local law. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED
IATA: NOT REGULATED

SECTION 15: REGULATORY INFORMATION**INVENTORY STATUS:**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

If you need more information about the inventory status of this product, call 651-236-5858.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others).

FEDERAL REPORTING:

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

| Chemical Name | CAS# | % |
|---------------|-----------|-------|
| Aluminum | 7429-90-5 | 1 - 5 |

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

D2A

SECTION 16: ADDITIONAL INFORMATION

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

Prepared by: Edge Adhesives

Phone: 574-264-9614

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