



SAFETY DATA SHEET

HENG'S ALUMINUM ALKYD FIBERED ROOF COATING 43128-4, 43032, 43640

SECTION 1, COMPANY & PRODUCT IDENTIFICATION

COMPANY INFORMATION:

Heng's Industries

3500 Lexington Park Drive

Elkhart, IN 46514

Phone: 574-295-1200

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

PRODUCT NUMBER: 43128-4, 43032, 43640

PRODUCT DESCRIPTION: Heng's Aluminum Alkyd Fibered Roof Coating

SECTION 2, HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW:

Cancer Hazard

HMIS RATING: HEALTH – 0

FLAMMABILITY – 1

REACTIVITY – 0

See SECTION 8: EXPOSURE CONTROL/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 & 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 & 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 & 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 & will not present an exposure risk. Once the product has reached its final state & is abraded or disturbed, dusting & exposure may occur.

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

LONG-TERM (CHRONIC) 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 3, COMPOSITION/INFORMATION ON INGREDIENTS

Based on data available to Heng's Industries, none of the components in this product are considered hazardous according to OSHA 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.

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Chemical Name	CAS#	PERCENT	OSHA PEL
Stoddard Solvent	8052-41-3	1-5	TWA 100 ppm
Soybean Oil	68122-64-5	40-50	TWA (Respirable dust) %MG/M3; TWA (Total dust) 15 MG/M3

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 & monitor the eye daily as advised by your physician.

IF ON SKIN: Wash with soap & water. Remove contaminated clothing & 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 2 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 & EXPLOSION HAZARDS:

Material will burn in a fire.

SPECIAL FIRE FIGHTING INSTRUCTIONS:

Persons exposed to products of combustion should wear self-contained breathing apparatus & full protective equipment.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon Dioxide, Carbon monoxide Chlorine containing gases.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPECIAL

No adverse health effects expected from the clean-up of spilled material. Follow

PROTECTION:

personal protective equipment recommendations found in Section 8 of this MSDS.

CLEAN UP:

Scrape up & place in disposal container.

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

SECTION 7. HANDLING & STORAGE

Handling: No special handling instructions due to toxicity.

Storage: Store in a cool, dry ventilated location. Keep away from heat, sparks, flame & other sources of ignition. Keep container closed.

Consult the Technical Data Sheet for specific storage instructions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:

Wear safety glasses with side shields when handling this product.

SKIN PROTECTION:

Avoid skin contact by wearing chemically resistant gloves & a long sleeved shirt.

GLOVES:

Butyl rubber or nitrile gloves are recommended.

RESPIRATORY PROTECTION:

Respiratory protection may be required to avoid exposure 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 & 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 & CHEMICAL PROPERTIES

PHYSICAL STATE: Gel
COLOR: Aluminum Grey
ODOR: Solvent, Aromatic pre-cure
ODOR THRESHOLD: Not established
SPECIFIC GRAVITY: 1.4 – 1.5
WEIGHT PER GALLON (lbs.): 12.0
SOLIDS (% by weight): 73%
pH: Not established
BOILING POINT (deg. C): Not established
FREEZING/MELTING POINT (deg. C): Not established
VAPOR PRESSURE (mmHg): Not established
VAPOR DENSITY: Not established
EVAPORATION RATE: Not established
OCTANOL/WATER COEFFICIENT: Not established

SECTION 10. STABILITY & 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
Carbon Black	Oral LD50 Rat > 15400 mg/kg; Dermal LD50 Rabbit > 3g/kg

TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12. ECOLOGICAL INFORMATION

OVERVIEW: Volatile Organic Content

- 94 gVOC/liter of material (VOC theoretically determined using EPA Reference method 24)
- 94 gVOC/liter of material, less water & 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 Regulation 40 CFR 261. Dispose of in accordance with federal, state & local law. Consult your state, local or provincial authorities & 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 Substance 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 & 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 & Reauthorization Act of 1986 (SARA) & 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#	%

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.
D2A

SECTION 16, OTHER INFORMATION

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety & Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910. 1200).

Prepared by: Heng's Industries 04/04/2016
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