



HAWK EPOXY HIGH LOAD ADHESIVE FILLER

F1

Safety Data Sheet

Bonding and Filler Applications

- Bonds dissimilar materials
- High load strength

CHEMTREC 24-HR EMERGENCY RESPONSE NUMBER

800-424-9300 • OUTSIDE US 703-527-3887

CHEMTREC should only be called in the event of chemical emergencies involving spill, leak, fire, exposure, or accident involving chemicals.



Premium Quality
Epoxy Resin Filler



OVER
35
YEARS

Sect. 1 – Product Identification

Product Name: **Hawk Epoxy High Load Adhesive Filler F1** Revision Date: **March 2014**
Product Use: **Yacht Repair** Prepared by : **VP RD&I**
Appearance: **White Powder**
Chemical name: **Calcium Metasilicate blend SiO2**

Sect. 2 – Hazardous Identification

EMERGENCY OVERVIEW: WARNING! Airborne particulate created during handling is considered nuisance dust and should be minimized through the use of good work practices and adequate ventilation.

EYE CONTACT: A mechanical irritant which can cause moderate to severe eye irritation. Not dangerous substance as determined by testing done in accordance to EU Directive 67/548/EEC as amended. Results were non-detected or well below any classification criteria.

SKIN CONTACT: Possible dryness or irritation resulting from long term exposures to product dust. Not dangerous substance as determined by testing done in accordance to EU Directive 67/548/EEC as amended. Results were non-detected or well below any classification criteria.

INHALATION: Irritation to the mucous membrane and respiratory tract. Excessive exposure to dust may cause sore throat, coughing or upper respiratory irritation.

INGESTION: Non-Hazardous when ingested. Prolonged or repeated exposure may be irritating to mouth, throat and esophagus (sore throat, nausea and etching). Potentially a mild irritant to the GI tract if excessive quantity is ingested.

CHRONIC: Reports have associated repeated or prolonged occupational exposure are not anticipated to cause any significant adverse effects.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin, eyes.

HMIS Rating: Health: 1 Flammability: 0 Reactivity: 0



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Sect. 3 – Composition/information on ingredients

Hazardous Components	Cas Number	Percentage Range by Weight	Reg Agency	PPM	MG/M3	Notes
Treated fumed amorphous silica	67762-90-7	>1.0	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA			
Calcium metasilicate	113983-17-0	<99	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA		15 10 3 5	

Sect. 4 – First Aid Measures

EYE CONTACT: Flush with large amounts of water until irritation subsides, as least 15 minutes. See a physician if irritation persists.

SKIN CONTACT: Normal good personal hygiene practices. Wash with mild soap and warm water after each exposure.

INHALATION: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust. If coughing and irritation develop, call a physician.

INGESTION: Emergency procedures not normally required. May be temporary irritant to the GI system.

Sect. 5 – Fire Fighting Measures

FLASH POINT: N/A

EXTINGUISHING MEDIA: N/A

FIRE FIGHTING PROCEDURES: N/A.

FIRE AND EXPLOSION HAZARDS: None

Sect. 6 – Spill and Leak Procedures

Avoid creating airborne dust. Dust suppressing cleaning method such as wet sweeping or vacuuming should be used to clean the work area. If Vacuuming, the vacuum must be equipped with efficient secondary HEPA filter. Compressed air or dry sweeping should not be used for cleaning. Scoops or shovels may be used to minimize dust. Use respiratory protection in dusty conditions. If dusty conditions exist, wear a face mask approved for use with dust such as 3M 8511, N-95 Or equivalent.

ENVIRONMENTAL PRECAUTIONS: None normally required. Product contains naturally occurring minerals.

Sect. 7 – Handling and Storage

HANDLING: When handling the product, avoid exposure, assure proper respiratory protection if dust



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potential exceeds PEL/TLV. Limits use of power tools unless in conjunction with local exhaust. Use hand tools whenever possible. Frequently clean the work area with HEPA filtered vacuum or wet sweeping to minimize the accumulation of debris. Do not use compressed air for clean-up. Good house keeping practices should be employed to prevent generation and accumulation of dusts..

STORAGE: Store in dry area in sealed containers. Always segregate materials by major hazard class.

SPECIAL SENSITIVITY OR INCOMPATIBILITY: avoid contact with strong acids

Sect. 8 – Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Maintain sufficient mechanical or natural ventilation to assure dust concentrations remain below PEL/TLV. Dust suppressing control technologies such as local exhaust ventilation, point of generation dust collection, down draft work stations, emission controlling tool designs, and materials handling equipment are effective means of minimizing airborne fiber emissions. The need for ventilation should be evaluated by a professional industrial hygienist. Ventilation should be designed by a professional engineer.

RESPIRATORS: For dust concentration below the applicable exposure limit value, personal protection equipment is not required. If PEL/TLV is exceeded, wear an approved face mask such as 3M 8511,N-95 Or equivalent, to protect against dust. The evaluation of workplace hazards and appropriate respiratory protection is best performed on a case by case basis, by a qualified industrial hygienist.

PERSONAL PROTECTIVE EQUIPMENT: Wear safety glasses with side shields or goggles to protect eyes against dust and particulate matter. Under normal conditions use of protective gloves and clean , body-covering clothing are adequate.

Sect. 9 – Physical and Chemical Properties

Weight Per Gallon: 24.16 lbs

Melting Point: 2804°F/1540°C

pH: 9.9 aqueous solution

Specific Gravity: 2.9

Solubility in Water: 0.01g/100cc

Color : White

Sect. 10 – Stability and Reactivity

Stability: Stable

Hazardous Polymerization: can not occur.

Incompatibility: None in designed use.

Hazardous Decomposition Product(s): No hazardous products of decomposition.

Sect. 11 – Toxicological Information

LD50 : N/av LC50:N/Av

The epidemiological evidence for wollastonite is limited, but does not suggest that workers are at significant risk of an increased incidence of pulmonary fibrosis, lung cancer, or mesothelioma. Morbidity studies have demonstrated a non-specific increase in bronchitis and lung function.



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Sect. 12 – Ecological Information

Wolastonite is a naturally occurring mineral. Unless contaminated in service, this product is neutral to the environment.

Sect. 13 – Disposal Considerations

Dispose of unusable product in accordance with local, state, and federal regulations. Not classified as a hazardous waste.

Sect. 14 – Transportation Information

DOT Non- Bulk

Shipping name: Not regulated
Technical shipping name: N/A
Hazard Class: N/A
U.N./N.A Number: N/A
Packing Group: N/A

IMDG

Shipping name: Not regulated
Technical shipping name: N/A
Hazard class: N/A
U.N. Number: N/A
Packaging Group: N/A
Marine Pollutant: No

ICAO/IATA

Shipping name: Not regulated
Technical shipping name: N/A
Hazard class: N/A
U.N. Number: N/A
Packaging Group: N/A
Marine Pollutant: No

Sect. 15 – Regulatory Information

SARA TITLE III SECTION 313 CHEMICALS: None
OSHA STATUS: particulate is regulated as nuisance dust
TSCA STATUS: All components listed on TSCA inventory
CEPA Chemical Inventory Status: All components listed on DSL
WHMIS: N/A

EPA REGISTRATION: N/A

Globally Harmonized System

Sect. 16 – Other Information

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