



HAWK EPOXY STRUCTURAL ADHESIVE FILLER

F2

Safety Data Sheet

Bonding and Filler Applications

- Gap filling
- Filleting

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 Structural Adhesive Filler F2**
 Product Use: **Yacht Repair**
 Appearance: **White Powder**
 Chemical name: **Silicon dioxide amorphous**

Revision Date: **March 2014**
 Prepared by : **VP RD&I**

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.

Potential Acute Health Effect: Slightly hazardous in case of skin contact (irritant), of eye contact(irritant), of ingestion, of inhalation.

Potential Chronic Health Effects: carcinogenic: 3 (not classifiable for human) by IARC. Mutagenic Effects: Not available. Teratogenic effects: Not available. Developmental toxicity: not available. Repeated or prolonged exposure is not known to aggravate medical condition

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None

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

Sect. 3 – Composition/information on ingredients

Hazardous Components	Cas Number	Percentage Range by Weight	Reg Agency	PPM	MG/M3	Notes
Fumed amorphous silica	112945-52-5	100	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA			

Sect. 4 – First Aid Measures

EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

SKIN CONTACT: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.



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F2

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INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get medical attention if symptoms appear.

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

Sect. 5 – Fire Fighting Measures

FLASH POINT: N/A

Auto-Ignition temperature: Not applicable

EXTINGUISHING MEDIA: N/A

Flammability and flammable limits: N/A

FIRE FIGHTING PROCEDURES: N/A.

FIRE AND EXPLOSION HAZARDS: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Heating a mixture of powder magnesium

Sect. 6 – Spill and Leak Procedures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration above TLV.

Sect. 7 – Handling and Storage

HANDLING: Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or label.

STORAGE: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 77F.

SPECIAL SENSITIVITY OR INCOMPATIBILITY: None

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.



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F2

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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: 18.33 LBS
Melting Point: 1610 C
pH: Not available in aqueous solution
Specific Gravity: 2.2
Solubility in Water: not available
Color: White

Sect. 10 – Stability and Reactivity

Stability: Stable
Hazardous Polymerization: can not occur.
Incompatibility: None in designed use.
Reactivity: Incompatible with Fluoride, difluoride, chloride trifluoride. Vinyl acetate vapor may react vigorously in contact with silica gel.

Sect. 11 – Toxicological Information

LD50: 3160 mg/kg LC50:N/Av
Acute potential Health effects:
Skin: May cause irritation and drying of the skin.
Eye: Dust may cause eye irritation and discomfort.
Inhalation: Dust may cause respiratory tract irritation and discomfort.
Ingestion: Not expected to be very toxic.
Chronic Potential Health Effects: No chronic (Long term) effects are known for Humans

Sect. 12 – Ecological Information

Possibility hazardous short term degradation are not likely. However, long term degradation products may arise.

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



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F2

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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

STATE REGULATORY INFORMATION: The following chemicals are specifically listed or otherwise regulated by individual states. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME(CAS#)	CONCENTRATION	STATE CODE
Amorphous silica (112945-52-5)	100%	MA, NJ, PA, RI

EPA REGISTRATION: N/A

Globally Harmonized System

Sect. 16 – Other Information

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