



# HAWK EPOXY LIGHT DENSITY FAIRING FILLER

F5

Safety Data Sheet

## Bonding and Filler Applications

- Lightweight
- Easily sand into fine-tuned shape

**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 Light Density Fairing Filler F4**    Revision Date: **March 2014**  
 Product Use: **Yacht Repair**    Prepared by : **VP RD&I**  
 Appearance: **Brown Powder**  
 Chemical name: **Silicon dioxide amorphous**

## 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 conditions.

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
Expended perlite	93763-70-3	30-45	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA	0.025 0.025		
Phenol- formaldehyde resin	N.A.	40-60				
Fumed Amorphous Silica	112945-52-5	<15				

## 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.



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

**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 silicate and silica (later found not to be absolutely dry) cause a violent explosion rather than the vigorous reaction anticipated.

### 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.



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**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: 6.8 LBS  
Melting Point: 1610 C  
pH: Not available in aqueous solution  
Specific Gravity: 0.82  
Solubility in Water: not available  
Color: Red-Brown

### **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.  
This product contains trace amount of formaldehyde, which is listed by IACR, NTP and OSHA as a carcinogen but exposure would be minimum or non-detectable under normal conditions.

### **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.



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#### 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

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)	<15	MA, NJ, PA, RI
Formaldehyde (50-0-0)		CA**

\*\*Causes cancer

EPA REGISTRATION: N/A

Globally Harmonized System

#### Sect. 16 – Other Information

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