

# SAFETY DATA SHEET

## SECTION 1 - MANUFACTURER/PRODUCT IDENTIFICATION:

**PRODUCT IDENTIFIY: HOTLINE FIBER MOLD HARDENER (CAT. # 4850R)**

<b>Manufacturer's (Distributor's) Name:</b> Creative Craftsmen Co., Inc. 27625 Diehl Road Warrenville, Illinois 60555-3838	<b>Emergency Telephone Number:</b> 888- 215-4878  <b>Information Telephone Number:</b> 630-836-1353 Toll Free: 800-323-5668
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**Trade Name:** HOTLINE FIBER MOLD HARDENER    **Product Type:** Hardener for fiber molds

**Chemical Family:** Rigidizer

## SECTION 2 – HAZARDS IDENTIFICATION:

### SECTION 2.1: HAZARD CLASSIFICATION:

**WARNING! THIS PRODUCT IS AN IRRITANT TO THE EYES, SKIN AND RESPIRATORY TRACT**



Harmful if swallowed  
 Causes skin irritation  
 Causes eye irritation  
 Causes respiratory tract irritation  
 Causes central nervous system depression

### PRECAUTIONARY INFORMATION:

CAUSES EYE IRRITATION. CAUSES SKIN IRRITATION. CAUSES RESPIRATORY TRACT IRRITATION. CAUSES CENTRAL NERVOUS SYSTEM DEPRESSION

Prevent eye contact and prolonged skin contact. Utilize appropriate protective clothing and eye and skin protection. Avoid the generation and inhalation of dust and mist. Wear appropriate respiratory protection if dust/mist levels exceed exposure limits. Do not eat, drink or use tobacco products when there is potential exposure to this material. Wash hands thoroughly after handling. Prevent material from becoming airborne.

See additional information on the SDS for further details regarding the safe use of this product.

### SECTION 2.2: LABEL INFORMATION:

**PRODUCT IDENTITY:** HOTLINE FIBER MOLD HARDENER (#4850R)



Harmful if swallowed  
 Causes skin irritation  
 Causes eye irritation  
 Causes respiratory tract irritation  
 Causes central nervous system depression

**HAZARD STATEMENT:** Causes eye irritation. Causes skin irritation. Causes respiratory irritation. Causes central nervous system depression.

**CAUTION:** Keep away from children and pets. Avoid contact with skin and eyes. Avoid generating and breathing dust and mist. Use with adequate ventilation. Keep away from food products. Wash thoroughly after use. Keep container closed after use. Do not eat or drink product. If ingested seek immediate medical attention. Store in a cool dark place. Use impervious skin protection if there is prolonged skin contact.

### EMERGENCY INFORMATION:

Eye Contact: Rinse with warm potable water for 15 minutes.  
 Skin Contact: Remove contaminated clothing and wash affected area.  
 Inhalation: Exit to fresh air. Support breathing as needed.  
 Ingestion: Rinse mouth. Drink milk or water if conscious. Do not induce vomiting.  
 Contact emergency personnel if medical issues need further treatment.

HMIS		
Flammability = 0	HMIS=Hazardous Material Information System	Creative Craftsmen Co., Inc.
Health = 1	PPE = E means safety glasses, protective gloves and appropriate respirator.	27625 Diehl Road
Reactivity =0		Warrenville, Illinois 60555-3838
PPE = E		800-323-5668

**SECTION 3 – HAZARDOUS INGREDIENTS INFORMATION:**

The information contained herein is believed to be correct and reliable. However, no warranty is expressed or implied regarding the accuracy of this data, and none is made as to the marketability of the material or its fitness for any purpose. The consumer accepts the responsibility of and the conditions for liability of use of the product. This product contains material that may be hazardous when airborne as a vapor or particulate.

**HAZARDOUS COMPONENTS<sup>a</sup>:**

(Specific Chemical Identity; Common Name)	CAS <sup>b</sup> Number SARA <sup>c</sup>	OSHA PEL (mg/m <sup>3</sup> ) <sup>d</sup>	ACGIH TLV <sup>e</sup> (mg/m <sup>3</sup> )	NOTES	PERCENT <sup>f</sup>
Silica-Amorphous	7631-86-9	2.2 <sup>g</sup>	---NE <sup>h</sup>	Total Particulate	36.75
Propylene Glycol	57-55-6	NE	NE	10 mg/m <sup>3</sup> is the AIHA WEEL <sup>i</sup>	17.75
Water	7732-18-5	---	---	---	45.5

**Notes:**

- The term "Hazardous" is defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200) and does not necessarily imply the existence of any hazard. All components at concentrations equal to or greater than 1.0 percent (0.1 percent if a carcinogen) are listed in this section, according to OSHA 29 CFR 1910.1200.
- CAS = Chemical Abstract Number
- An asterisk (\*) indicates a toxic chemical subject to the EPA's reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and 40 CFR Part 372.
- These permissible exposure limits (PELs) are based on OSHA's rulemaking (29 CFR 1910.1000) adopted on May 29, 1971, and are the current regulatory limits, unless otherwise noted. These values are reported as milligrams of contaminant per cubic meter of air (mg/m<sup>3</sup>).
- These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) 2016 TLVs.
- Approximate percent by weight values.
- The OSHA permissible exposure level for total mineral dusts containing silica are based on formulas established by OSHA in Table Z, Mineral Dusts, of 29 CFR 1910.1000. The formula for amorphous silica is 80/%silica.
- NE means not established.
- 10 mg/m<sup>3</sup> is the AIHA WEEL. AIHA is the American Industrial Hygiene Association. The AIHA has established a Workplace Environmental Exposure Level (WEEL) for this ingredient.

**SECTION 4 – FIRST AID PROCEDURES:**

<b>Inhalation:</b>	Exit to fresh air. Support breathing as needed. If conditions persist, seek medical attention. Keep person warm and quiet.
<b>Eyes:</b>	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Skin:</b>	Remove contaminated clothing and wash affected area with plenty of soap and water. If redness or irritation develops, seek medical attention. Discard or decontaminate clothing before reuse.
<b>Ingestion:</b>	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth. Place individual on left side with head down. Contact a physician, medical facility or poison control center for advice. Do not induce vomiting without medical approval.

**Note to Physician:** Inform physician that the individual was exposed to a propylene glycol/amorphous silica mixture.

**SECTION 5 – FIRE AND EXPLOSION HAZARD DATA:**

<b>FLASH POINT (Method Used):</b> For Propylene Glycol: 228.2 °F	This product is nonflammable but can support combustion. Significant airborne concentrations of vapor can create flammable/explosive conditions.
<b>FLAMMABLE LIMITS:</b> Propylene Glycol LEL: 2.4%	<b>UEL:</b> 17.4%
<b>AUTOIGNITION TEMPERATURE</b>	700 °F For Propylene Glycol. No data on mixture.
<b>EXTINGUISHING MEDIA:</b>	Use extinguishing media appropriate for surrounding fire including carbon dioxide, dry chemical, foam, halon, or water mist.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Wear appropriate protection for the surrounding fire. When fighting chemical fires wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers until fire is out if it safe to do so. Do not spread material with water. Do not release runoff to sewers and waterways.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	When subjected to heat and flames, toxic gases such as CO/CO <sub>2</sub> and organic compounds may be generated. When subjected to heat propylene glycol may be liberated and accumulate in unvented space.
<b>NFPA Flammable and Combustible Liquids Classification:</b>	
<b>For Propylene Glycol:</b> Combustible Liquid Class IIIB	

**SECTION 6 – ACCIDENTAL RELEASE MEASURES:****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Caution: This material is a liquid and is slippery on surfaces. Prevent material from spilling on floors. Do not leave spills on floors unattended. Barricade spill area until cleanup is complete. Avoid stepping in spilled material.

Immediately clean up small spills. For large spills barricade the spill area until cleanup is complete.

Contain small spills using appropriate spill containment materials including absorbent paper and cloth towels.

For large spills extinguish and remove ignition sources. Contain large spills with appropriate containment barriers. Recover material if possible. Clean up spill with appropriate absorbent materials (e.g., sand, silica gel, sawdust, absorbent booms and pads). Place or scoop up absorbed material and place into appropriate disposal container.

Clean spill area with soap and water. Rinse thoroughly to prevent surface from remaining slippery.

If spilled material has dried avoid creating airborne dust. Clean up dried material using wet methods or a HEPA vacuum. The silica portion of this material is a very small particulate. Do not use a HEPA vacuum unless it is approved for wet surfaces.

Where product may become airborne utilize appropriate personal protective equipment. Utilize respiratory protection such as a NIOSH approved air-purifying respirator equipped with filters approved for organic vapors and particulate (P-100), and protective clothing.

Prevent the spread of the material. Wet the dried material, scoop up, or mop the material, and place it into closed containers for reuse or disposal. Once material is cleaned up thoroughly rinse contaminated surfaces with water.

If an emergency situation exists, contact spill response personnel.

CERCLA Reportable Quantity: No ingredient is listed.

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE:****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

When not in use, store in tightly closed containers in a dry, cool area. If material has dried out properly dispose and replace with new product. Use only with adequate ventilation that keeps dust/mist and vapor levels below the permissible exposure limit (PEL). Keep floors clean and dry. Handle so as not to create airborne dust. Avoid breathing dust. Utilize appropriate NIOSH-approved respirator if there are airborne vapor and/or dust exposures.

Empty containers may retain hazardous properties. Follow all SDS/label warnings even when containers are empty. Do not use empty containers for personal use. Any use of this product in elevated temperatures (<180°F) should be thoroughly evaluated to establish and maintain safe operating conditions.

Handle with care. Avoid unnecessary eye and prolonged skin contact. Wash thoroughly after handling. Keep this and all chemicals out of reach of children.

**PRECAUTIONS TO BE DURING REPAIR AND MAINTENANCE:** Not Applicable

**OTHER PRECAUTIONS:** Handle material using good personal and industrial hygiene practices. Do not allow material to dry out. Keep work surfaces clean. Work on newspaper or paper towels for easy cleanup. Clean surfaces with wet sponge, rinsing frequently.

Wash exposed skin thoroughly after using the product. Prevent spills from spreading by using containment or other appropriate barriers. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**SECTION 8 – CONTROL MEASURES/PERSONAL PROTECTION:****VENTILATION:**

**Local Exhaust:** If necessary, use enclosures with local exhaust ventilation to keep exposures below PELs.

**Mechanical:** If necessary to keep airborne chemical exposures below PELs. Recommended for confined areas and when handling dry material.

**Special:** Handle empty containers with caution. See warning in Precautions section above.

**Other:** NA

**RESPIRATORY PROTECTION (Specify Type):** Under normal conditions of use and with adequate ventilation respiratory protection is not needed. Where exposure above the OSHA PEL is likely, utilize a NIOSH approved half-mask or full-facepiece air-purifying respirator (APR) equipped with filters approved for organic vapors and particulate.

Warning: APRs do not protect workers in oxygen deficient atmospheres. Additional protection (e.g., SCBA) may be required for emergencies or in designated areas (e.g., confined areas). APRs do not protect workers in oxygen deficient atmospheres.

A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.

**SECTION 8 – CONTROL MEASURES/PERSONAL PROTECTION (Cont.):**

**PROTECTIVE GLOVES:** Wear appropriate chemical resistant gloves (e.g., Neoprene). Where use can result in skin contact, practice good personal hygiene. The equipment must be cleaned thoroughly after each use.

**EYE PROTECTION:** Use splash goggles when eye contact due to splashing or spraying liquid is possible. Use safety glasses with side shields or goggles during normal. Cover goggles are recommended in dusty areas.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** During normal conditions of use skin protection is needed. Wear normal work clothing including long pants, long-sleeved shirts and foot coverings to prevent direct contact. Launder clothing before reuse. If skin irritation develops contact your facility health and safety professional.

**SAFETY STATIONS:** Make available in the work area emergency eyewash stations, and washing facilities.

**WORK/HYGIENIC PRACTICES:** Avoid skin and eye contact. Avoid breathing vapor, dust and mist. Practice good personal hygiene. Do not eat, drink, smoke, or apply cosmetics in work areas. Wash face and hands prior to eating, drinking or other hand-to-mouth activities. Launder contaminated clothing before reuse.

**SECTION 9 – PHYSICAL/CHEMICAL CHARACTERISTICS:**

<b>BOILING POINT:</b>	ND	<b>VAPOR DENSITY (Air = 1)</b>	NA
<b>MELTING POINT:</b>	ND	<b>VAPOR PRESSURE (mm Hg):</b>	NA
<b>SPECIFIC GRAVITY:</b>	Less than 1.06 (H <sub>2</sub> O = 1)	<b>EVAPORATION RATE</b>	
<b>Bulk Density:</b>	8.8 lbs/gallon	<b>(Butyl Acetate = 1):</b>	NA
<b>pH:</b>	NA	<b>SOLUBILITY IN WATER:</b>	Completely miscible
<b>APPEARANCE AND ODOR:</b>	Clear liquid. No odor.		

**SECTION 10 – STABILITY AND REACTIVITY:**

<b>STABILITY:</b>	<b>Stable:</b>	<u>  X  </u>	<b>Unstable:</b>	<u>          </u>
<b>Conditions to Avoid:</b>	None			
<b>INCOMPATIBILITY (Materials to Avoid):</b>	Isocyanates, strong acids and bases, strong oxidizing agents and UV light.			
<b>HAZARDOUS POLYMERIZATION:</b>	<b>May Occur:</b>		<b>Will Not Occur:</b>	<u>  X  </u>
<b>Conditions to Avoid:</b>	Exposure to sunlight and moisture.			
<b>DECOMPOSITION PRODUCTS:</b>	Aldehydes, alcohols, carbon dioxide, carbon monoxide, dioxolanes, ethers, organic acids and silicon dioxide.			

**SECTION 11 – HEALTH HAZARD DATA:**

<b>ROUTE(S) OF ENTRY:</b>	<b>Skin/Eye</b>	<b>Skin</b>		
<b>Inhalation:</b>	<u>  Yes  </u>	<b>Contact:</b>	<u>  Yes  </u>	<b>Absorption:</b>
				<u>  Yes  </u>
				<b>Ingestion:</b>
				<u>  Unlikely  </u>

**HEALTH HAZARDS (Acute and Chronic):****Acute (Short-Term) Effects:**

Eye contact: Causes eye irritation.

Skin contact: Causes skin irritation.

Inhalation: Inhalation of dust/mist causes respiratory tract irritation. Inhalation can cause central nervous system depression (e.g., dizziness, drowsiness, weakness, nausea, headache and unconsciousness).

Ingestion: Ingestion may cause gastrointestinal irritation. Ingestion may also cause kidney damage.

**Chronic (Long-Term) Effects:**

Repeated and prolonged inhalation of dust, mist and vapor may cause impaired lung function and central nervous system depression. Smoking aggravates the effects of excessive exposure to particulate. Long-term overexposure to particulate containing amorphous silica may cause pneumoconiosis.

Repeated and prolonged exposure of the skin may cause defatting and drying of the skin

Overexposure to this material is a possible cause of kidney disease in laboratory animals.

Reproductive or developmental effects: No ingredient is listed on the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) list of chemicals known to cause reproductive effects.

**CARCINOGENICITY:**    **NTP:** No                      **IARC:** No                      **OSHA REGULATED:** No

\* This product does not contain any ingredient that is designated as a carcinogen by IARC, NTP, or OSHA. NIOSH identifies amorphous fused silica as a potential human carcinogen.

**SECTION 11 – HEALTH HAZARD DATA (Cont.):****SIGNS AND SYMPTOMS OF EXPOSURE:**

People who are exposed to this material through breathing, swallowing or skin absorption may experience respiratory tract irritation and central nervous system depression (e.g., dizziness, drowsiness, weakness, nausea, headache and unconsciousness).

This material may irritate the eyes and skin causing stinging, tearing and redness.

Dust can cause skin irritation.

Inhalation of this material is possible under specific conditions of handling and use (e.g., during heating, stirring, spraying and sanding). Vapor, mist and dust inhalation may be harmful to the respiratory system.

Exposure to airborne vapor and particulate may cause coughing and shortness of breathe.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Individuals with preexisting conditions of the lungs may have increased susceptibility to the toxicity of excessive exposure including people with bronchitis, emphysema, and asthma. People who smoke and are exposed to respirable forms of amorphous silica are at a significantly higher risk of developing lung-related problems than people who do not smoke.

Exposure to this material may aggravate preexisting eye disease and kidney disorders.

**SECTION 12 - ECOLOGICAL INFORMATION:**

**Toxicity:** No further relevant information is available.

**Spills:** Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**SECTION 13 - DISPOSAL:**

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state, and/or federal regulations. This material is not classified as a hazardous waste and is not regulated under RCRA. Small spills and cleanup debris can be disposed of as regular waste. For large spills keep cleaned up material in suitable closed containers until disposal. Use inert absorbent materials to soak up waste.

**SECTION 14 - TRANSPORTATION DATA:**

**DOT Proper Shipping Name:** Propylene Glycol

**UN Hazard Class:** None required

**UN Number:** None required

**DOT Label:** None required

**SECTION 15 - REGULATORY INFORMATION:**

**OSHA Hazard Communication Standard 29 CFR 1919.1000**

**OSHA PELs 29 CFR 1910.1000 and 1910.1053**

**EPA SARA Section 313 and 40 CFR Part 372**

**EPA Waste Disposal Regulations**

**California Proposition 65**

**SECTION 16 - OTHER INFORMATION:**

This Safety Data Sheet (SDS) was prepared to comply with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The SDS also complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information contained within this SDS is based on data believed to be correct and reliable. All information appearing within this SDS is based upon data obtained from suppliers of the raw materials. While the information is believed to be accurate, Creative Craftsmen Co. Inc. makes no representation as to its accuracy or sufficiency. No guarantee or warranty is expressed or implied regarding the accuracy of this data and information contained herein. Creative Craftsmen Co. Inc. expressly disclaims all expressed or implied warranties for merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

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**Date Prepared:** 07/07/16