

SAFETY DATA SHEET

SECTION 1 - MANUFACTURER/PRODUCT IDENTIFICATION:

PRODUCT IDENTITY: HOTLINE® HI-FIRE SHELF PRIMER (CAT. # 48321)

Manufacturer's (Distributor's) Name:

Creative Craftsmen Co., Inc.
27625 Diehl Road
Warrenville, Illinois 60555-3838

Emergency Telephone Number:

888- 215-4878

Information Telephone Number:

630-836-1353 Toll Free: 800-323-5668

Trade Name: HOTLINE® HI-FIRE SHELF PRIMER

Product Type: Alumina Primer

Chemical Family: Alumina

SECTION 2 - HAZARDS IDENTIFICATION:

SECTION 2.1: HAZARD CLASSIFICATION:

DANGER! THIS PRODUCT IS A CARCINOGEN

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



Causes Lung Cancer
Contains Crystalline Silica



Harmful if swallowed
Causes skin irritation
Causes eye irritation
Causes respiratory tract irritation

PRECAUTIONARY INFORMATION:

CAUSES LUNG CANCER. CAUSES EYE IRRITATION. CAUSES SKIN IRRITATION. CAUSES RESPIRATORY TRACT IRRITATION. CAUSES STOMACH PAIN, IF SWALLOWED.

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® HI-FIRE SHELF PRIMER (CAT # 48321)



Causes Lung Cancer
Contains Crystalline Silica



Harmful if swallowed
Causes skin irritation
Causes eye irritation
Causes respiratory tract irritation

HAZARD STATEMENT: This product contains an ingredient that is known to cause cancer. Crystalline silica causes lung cancer. Causes eye irritation. Causes skin irritation. Causes respiratory irritation. Causes stomach pain, if swallowed.

CAUTION: 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. Keep away from children and pets.

EMERGENCY INFORMATION:

Eye Contact: Immediately flush with water. Remove contacts and continue flushing 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

Health = 1

PPE = E means safety glasses, protective gloves and appropriate respirator.

Physical Hazard = 0

PPE = E

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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 particulate.

HAZARDOUS COMPONENTS^a:**(Specific Chemical Identity;**

Common Name)	CAS Number	SARA^c	OSHA PEL^c (mg/m³)^d	ACGIH TLV^e (mg/m³)	NOTES	PERCENT^f
Hydrated Aluminum Silicate	1332-58-7		5	2	Respirable Dust	
			15	---	Total Dust	41.7
Respirable Crystalline Silica (Quartz) ^g	14808-60-7		0.05	0.025		0.13-2.0

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.
- 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 Subpart Z) adopted on May 29, 1971, and are the current regulatory limits, unless otherwise noted. Consult the OSHA regulations for particulate (29 CFR 1910.1000) for additional requirements.
- These values are reported as milligrams of contaminant per cubic meter of air (mg/m³).
- These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) 2016 TLVs.
- Approximate percent by weight values.
- The PEL for crystalline silica is based on the OSHA regulation for Respirable Crystalline Silica (29 CFR 1910.1053).

SECTION 4 - FIRST AID PROCEDURES:

Inhalation: Exit to fresh air. Support breathing as needed. If condition persists, seek medical attention.

Eyes: Immediately flush eyes with potable water. Remove contacts and continue to flush eyes with plenty of warm water for at least 15 minutes. Seek medical attention if irritation persists.

Skin: Remove contaminated clothing. Flush area with potable water. Wash affected area with mild soap and water for at least 15 minutes. If redness or irritation develops, seek medical attention. Discard or decontaminate clothing before reuse.

Ingestion: Do not induce vomiting. Immediately rinse mouth with plenty of water. If within 30 minutes give a glass of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical attention if necessary

Note to Physician: Potential dust and mist exposure is of concern. Product contains crystalline silica.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (Method Used): NA This product is nonflammable and will not support combustion. Significant airborne concentrations of dust can create flammable/explosive conditions.

FLAMMABLE LIMITS: **LEL:** NA **UEL:** NA

AUTOIGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire including carbon dioxide, dry chemical, foam, halon, or water mist.

SPECIAL FIRE FIGHTING PROCEDURES: Wear appropriate protection for the surrounding fire. Wear self-contained breathing apparatus and full protective fire-resistant clothing. Do not release runoff to sewers and waterways. Cool containers with water spray until well after fire is out.

UNUSUAL FIRE AND EXPLOSION HAZARDS: When subjected to heat and flames, toxic gases such as aluminum oxides, CO and CO₂ may be released.

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

Caution: This material is a powder. Avoid generating airborne dust. When wet it 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.

If an emergency situation exists, contact spill response personnel.

Contain the spill. For large spills contain the material with spill absorbent booms and socks. Use appropriate personal protective equipment, including respiratory protection for particulate (e.g., N-95 dust mask or half-mask with N-100) and protective clothing. Recover material if possible by scooping into an appropriate container. Avoid creating airborne dust during clean up of dry spillage.

Use wet methods to clean up of residue. Avoid creating airborne dust. Wet the dried material, scoop up, vacuum or mop the material, and place it into closed containers for reuse or disposal. Once material is swept up, the area may be rinsed with water. If material is to be vacuumed use a HEPA vacuum.

Place absorbents into appropriate containers for disposal.

CERCLA Reportable Quantity: Aluminum and quartz are not listed.

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

When not in use, store upright in tightly closed containers in a dry, cool area. Do not store with strong oxidizers, strong acids and formaldehyde.

Keep floors clean and dry.

Use only with adequate ventilation that keeps dust/mist levels below the permissible exposure limit (PEL).

Handle so as not to create airborne dust. Avoid breathing dust/mist. Utilize appropriate NIOSH-approved respirator if airborne dust exposures are above PEL.

Handle with care. Avoid unnecessary eye and prolonged skin contact. Wash thoroughly after handling.

PRECAUTIONS TO BE DURING REPAIR AND MAINTENANCE: Not Applicable

OTHER PRECAUTIONS: Do not allow material to dry out. Keep material from direct sunlight. Keep work surfaces clean. Clean surfaces with wet sponge, rinsing frequently. Do not dry sweep.

Empty containers may contain residue and are considered hazardous. Do not reuse empty containers for food, clothing or for personal consumption products.

Keep away from sparks and flames. Keep out of reach of children.

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 dust levels below PELs. Recommended for confined areas and when handling dry material.

Special: NA.

RESPIRATORY PROTECTION (Specify Type): Where exposure above the PEL/TLV is likely, utilize a NIOSH approved dust mask, or a half-mask or full-facepiece air-purifying respirator (APR) equipped with filters approved for particulate. Additional protection [(e.g., airline respirator or self-contained breathing apparatus (SCBA))] may be required for emergencies or in designated areas (e.g., confined areas). APRs do not protect workers in oxygen deficient atmospheres.

PROTECTIVE GLOVES: During extended periods of use when excessive skin contact is likely, wear appropriate gloves to protect from abrasive dust.

EYE PROTECTION: Safety glasses with side shields, goggles or face shield as needed.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No skin protection is needed under normal conditions of use. During extended periods of use when excessive skin contact is likely, wear appropriate equipment to protect skin.

SAFETY STATIONS: Make available in the work area emergency eyewash stations and safety shower.

WORK/HYGIENIC PRACTICES: Avoid skin and eye contact. Avoid breathing 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:

BOILING POINT:	NA	VAPOR DENSITY (Air = 1)	NA
MELTING POINT:	NA	VAPOR PRESSURE (mm Hg):	NA
SPECIFIC GRAVITY:	NA	EVAPORATION RATE	
Bulk Density:	NA	(Butyl Acetate = 1):	NA
pH:	NA		
APPEARANCE AND ODOR:	White Powder. No odor. SOLUBILITY IN WATER: Low		

SECTION 10 - STABILITY AND REACTIVITY:

STABILITY:	Stable:	X	Unstable:	
Conditions to Avoid:	Flames			
INCOMPATIBILITY (Materials to Avoid):	Strong oxidizers, strong acids, bismuth, and formaldehyde. Always test the compatibility of materials before mixing or storing together.			
HAZARDOUS POLYMERIZATION:	May Occur:		Will Not Occur:	X
Conditions to Avoid:	None known.			
DECOMPOSITION PRODUCTS:	Silicon-, aluminum- and magnesium-containing compounds, CO and CO ₂ .			

SECTION 11 - HEALTH HAZARD DATA:

ROUTE(S) OF ENTRY:	Skin/Eye	Skin
Inhalation: Yes	Contact: Yes	Absorption: No
		Ingestion: Unlikely

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. Repeated and/or prolonged inhalation of dust/mist may cause impaired lung function. Smoking aggravates the effects of excessive dust/mist exposure.

Ingestion: Not likely during routine work activities. Swallowing large amounts can irritate the gastrointestinal tract and may cause nausea, diarrhea and kidney disorders.

Systemic Effects: Ingestion may affect the kidneys.

Chronic (Long-Term) Effects:

Crystalline silica is considered a lung toxin. Repeated and prolonged inhalation of dust and mist may cause impaired lung function including emphysema, silicosis and pulmonary fibrosis. Smoking aggravates the effects of excessive exposure to particulate. Long-term overexposure to particulate containing crystalline silica may cause fibrosis and lung cancer.

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: Yes	IARC: Yes	OSHA REGULATED: Yes
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* Crystalline silica (quartz) is listed as a cancer-causing agent in the NTP Sixth Annual Report on Carcinogens and in the IARC Monographs, Volume 42.

** **WARNING:** This product contains or produces a chemical (crystalline silica) known to the State of California and other states, if applicable, to cause cancer.

SIGNS AND SYMPTOMS OF EXPOSURE: Skin, eye and respiratory tract irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Individuals with upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema, and asthma. Persons who smoke and are exposed to respirable forms of crystalline silica are at a significantly higher risk of developing lung-related problems than people who do not smoke.

SECTION 12 - ECOLOGICAL INFORMATION:

Toxicity: No further relevant information is available.

Environmental Fate: Product components are relatively insoluble in water and are not expected to bio concentrate in aquatic life.

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 amounts and cleanup debris can be disposed of as regular waste.

SECTION 14 - TRANSPORTATION DATA:

DOT Proper Shipping Name: Not Regulated by DOT

UN Hazard Class:

UN Number:

DOT Label:

SECTION 15 - REGULATORY INFORMATION:

OSHA Hazard Communication Standard 29 CFR 1910.1200

OSHA PELs 29 CFR 1910.1000 and 1910.1053

OSHA Respiratory Protection Standard 29CFR 1910.134

EPA SARA Section 313: Immediate and Acute Hazards

California Proposition 65

Other States: Contact State OSHA or EPA officials

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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Abbreviations:

ACGIH	American Industrial Hygiene Association	OSHA	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response,	PEL	Permissible Exposure Limit
CAS#	Compensation and Liability Act of 1980	PPE	Personal Protective Equipment
CFR	Chemical Abstract Number	RCRA	Resource Conservation and Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPA	Environmental Protection Agency	SDS	Safety Data Sheet
HMIS	Hazardous Material Information System	STEL	Short-Term Exposure Limit
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IDLH	Immediately Dangerous to Life and Health	TWA	Time-Weighted Average
LEL	Lower Explosive Limit	UEL	Upper Explosive Limit
NA	Not Applicable	UN	United Nations
NTP	National Toxicology Program		

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