

# SAFETY DATA SHEET

## SECTION 1 – MANUFACTURER/PRODUCT IDENTIFICATION:

**PRODUCT IDENTITY: HOTLINE® AIR - DRI BEAD RELEASE (CAT. # 1590 & 15901)**

**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® - Air-Dri Bead Release

**Product Type:** Mandrel 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 (Quartz)



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



Environmental  
Toxin

### 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. Prevent dust accumulation. 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 thoroughly after handling. Prevent material from becoming airborne. Avoid release to the environment.

### PRECAUTIONARY INFORMATION REGARDING RADIOACTIVE ELEMENTS PRESENT IN ZIRCONIUM:

Please note that zirconium materials may contain trace quantities of naturally occurring radioactive uranium, thorium and radium. Overexposure by inhalation to respirable dusts may cause lung cancer. Keeping these airborne dusts below the applicable exposure limit will ensure that exposure to these radioactive materials will be within the established exposure limits. Zircon-containing refractory coatings generally contain high levels of respirable particles. When in the liquid state potential exposure is low. Prevent inhalation exposure to respirable dust when handling dry refractory coatings. Capture dusts at generation points. Practice good housekeeping. Control ignition sources including static discharges.

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

### SECTION 2.2 LABEL INFORMATION:

**PRODUCT IDENTITY: HOTLINE® - AIR-DRI BEAD RELEASE (1590 & 15901)**



**DANGER! CAUSES LUNG CANCER  
CONTAINS CRYSTALLINE SILICA**



**WARNING! CAUSES EYE, SKIN  
AND RESPIRATORY TRACT  
IRRITATION**



**ENVIRONMENTAL TOXIN**

**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:** 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 potential 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.

Health = 2

Flammability = 0

Physical Hazard = 0

PPE = E

Hazardous Material Information System

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

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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<sup>a</sup>:**

(Specific Chemical Identity;

Common Name)	CAS NUMBER <sup>b</sup>	SARA <sup>c</sup>	OSHA PEL <sup>d</sup>	ACGIH TLV <sup>e</sup>	NOTES	PERCENT <sup>f</sup>
Aluminum Trihydrate (Aluminum Hydroxide)	21645-51-2		5 15	1 ---	Respirable Al Total Al	NA <sup>g</sup>
Crystalline Silica (SiO <sub>2</sub> ) (Quartz)	14808-60-7		0.05 <sup>h</sup>	0.025	Respirable Quartz	NA
EPK Kaolin (Aluminum Silicate)	1332-58-7		5 15	2 ---	Respirable Dust Total Dust	NA
Kyanite	1302-76-7		---	---	---	NA
Sodium Hypochlorite	7681-52-9		---	---	---	NA
Red Dye	NA		---	---	---	NA
Water	7732-18-5		---	---	---	NA

**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/m<sup>3</sup>).
- These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) 2016 TLVs.
- Approximate percent by weight values.
- NA = Not Available or Not Applicable. The amount of each ingredient in this product is confidential and deemed proprietary. Contact the manufacturer for additional information.
- The PEL for crystalline silica is based on the OSHA regulation for Respirable Crystalline Silica (29 CFR 1910.1053).

**SECTION 4 – FIRST AID PROCEDURES:**

<b>Inhalation:</b>	Exit to fresh air. Support breathing as needed. If condition persists, seek medical attention.
<b>Eyes:</b>	Hold eyelids apart and flush eyes with plenty of warm 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 for at least 15 minutes. If redness or irritation develops, seek medical attention. Discard or decontaminate clothing before reuse.
<b>Ingestion:</b>	Material is classified as non-toxic. Do not induce vomiting. Immediately rinse mouth with plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.
<b>Note to Physician:</b>	Potential dust and mist exposure is of concern. Product contains crystalline silica.

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

<b>FLASH POINT (Method Used):</b>	NA	This product is nonflammable and will not support combustion. Significant airborne concentrations of dust can create flammable/explosive conditions.		
<b>FLAMMABLE LIMITS:</b>	<b>LEL:</b>	NA	<b>UEL:</b>	NA
<b>AUTOIGNITION TEMPERATURE:</b>	NA			
<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 chemical resistant clothing. Do not release runoff to sewers and waterways. Cool containers with water spray until well after fire is out.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	When subjected to heat and flames, toxic gases such as aluminum oxides, CO and CO <sub>2</sub> may be released.			

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

**Caution:** This material is a slurry. Do not leave spills on floors unattended. Barricade spill area. Keep material from entering low areas. Provide adequate ventilation. Avoid stepping in material. Keep non-spill response personnel away.

**Small Spills:** Contain small spills using appropriate personal protective equipment and spill containment material. Recover spilled materials if possible and safe to do. Soak up liquid with an appropriate absorbent (i.e., sand, vermiculite) and place material in appropriate, tight sealing containers. Clean surfaces of residual contamination.

**Large Spills:** Wear appropriate protective clothing and safety glasses or goggles. If material has dried, use a NIOSH approved air-purifying respirator equipped with P-100 filters. Stop the flow of material. Dike the spill with appropriate spill containment material (i.e., sand, vermiculite). Prevent material from entering sewers and waterways. During clean up of dried material avoid creating airborne dust (e.g., use wet methods, or HEPA vacuum).

For dry product, prevent the spread of the material and keep dust levels to a minimum. Thoroughly rinse the spilled area with water followed by vacuuming with a HEPA vacuum.

For wet spills, apply appropriate absorbent and vacuum up for disposal. Rinse with water followed by HEPA vacuuming.

If an emergency situation exists, contact spill response personnel.

Contact local authorities if spill may reach the public sewer system or an aquatic environment.

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 in tightly closed containers in a dry, cool area.

If material has dried out add water to maintain slurry consistency.

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. Work on newspaper or paper towels for easy cleanup. 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. DO NOT cut, torch or heat empty containers.

Keep material from direct sunlight. Keep away from sparks and flames. Protect from ignition sources including static electricity. Properly ground containers and equipment. Keep out of reach of children.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state, and/or federal regulations.

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

**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 during grinding and sanding.

**Special:** None

**RESPIRATORY PROTECTION (Specify Type):** Under normal conditions of use, respiratory protection is not needed. If exposure to airborne contaminants above the applicable exposure limit is likely, use a NIOSH approved N-95 particulate respirator (dust mask), or a half-mask or full-facepiece air-purifying respirator (APR) equipped with filters approved for particulate (P-100). If there is a potential for an uncontrolled release, exposure levels are not known, or there are circumstances where an APR may not provide adequate protection, use a positive pressure air-supplied respirator. APRs do not protect workers in oxygen deficient atmospheres.

**PROTECTIVE GLOVES:** Wear protective impervious chemical-resistant gloves when skin contact is likely.

**EYE PROTECTION:** Safety glasses with side shields, safety glasses with a face shield or a pair of goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** When excessive skin contact is likely wear impervious aprons, boots and other clothing to protect skin.

**SAFETY STATIONS:** Make available in the work area emergency eyewash stations, safety/quick-drench showers and washing facilities.

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

**WORK/HYGIENIC PRACTICES:** Avoid skin and eye contact. Avoid breathing dust/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 2.5 (H <sub>2</sub> O = 1)	<b>EVAPORATION RATE</b>	
<b>Bulk Density:</b>	<20.9 lbs/gallon	<b>(Butyl Acetate = 1):</b>	NA
<b>pH:</b>	NA		

**APPEARANCE AND ODOR:** Slurry. Mild non-descript odor.

**SECTION 10 – STABILITY AND REACTIVITY:**

**STABILITY:**                      **Stable:**                        X                        **Unstable:**                      \_\_\_\_\_

**Conditions to Avoid:**                      None known

**INCOMPATIBILITY (Materials to Avoid):**                      Strong oxidizing agents including chlorine

**HAZARDOUS POLYMERIZATION:**                      **May Occur:**                      \_\_\_\_\_                      **Will Not Occur:**                        X  

**Conditions to Avoid:**                      None known.

**DECOMPOSITION PRODUCTS:**                      None known under normal handling and storage conditions. Carbon monoxide and carbon dioxide

**SECTION 11 – HEALTH HAZARD DATA:**

**ROUTE(S) OF ENTRY:**

<b>Inhalation:</b>	Yes	<b>Skin/Eye Contact:</b>	Yes	<b>Skin Absorption:</b>	No	<b>Ingestion:</b>	Unlikely
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**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.

Systemic Effects: None known.

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

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

**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

\* \* 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:** Toxic to aquatic life. Produces long-term effects to aquatic life.

**SECTION 13 – DISPOSAL:**

**WASTE DISPOSAL METHOD:** Dispose of product and containers in accordance with local, state, federal and international regulations. This material is not classified as a hazardous waste and is not regulated under RCRA. Do not allow product into sewer systems.

Empty Containers: May contain product residue. Dispose of residue/container in accordance with state and local regulation.

**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 1919.1000**

**OSHA PELs 29 CFR 1910.1000**

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

**EPA Waste Disposal Regulations**

**California Proposition 65**

**Applicable State and Local HAZCOM AND EPA Regulations.**

**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). Provide employees training regarding the safe handling and use of this product including how to read and understand the information contained in SDSs.

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

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 of 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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**SECTION 16 – OTHER INFORMATION (Cont.):**

Abbreviations:

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

**Date Prepared:** 10/01/03

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