# MATERIAL SAFETY DATA SHEET

SP-403
SP-404

**IDENTITY**

(As Used on Label and List) **HOTLINE PRIMO PRIMER (CAT. # 48230)**

## SECTION I – Manufacturer/Product Identification:

**Manufacturer's (Distributor's) Name:**
Creative Craftsmen Co., Inc.
27625 Diehl Road
Warrenville, Illinois 60555

**Emergency Telephone Number:**
(888) 215-4878

**Trade Name:** PRIMO PRIMER **Product Type:** Kiln Shelf Primer

**Chemical Family:** Alumina and proprietary material.

**Date Prepared:** 04/14/03 **Revision:** 1 **Prepared By:** Satterfield Consulting

## SECTION II – 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 nuisance dust.

**HAZARDOUS COMPONENTS[1]:**

| (Specific Chemical Identity; Common Name) | CAS Number | SARA[2] | OSHA PEL[3] ($mg/m^3$) | ACGIH TLV[4] ($mg/m^3$) | NOTES | PERCENT[5] |
|---|---|---|---|---|---|---|
| Aluminum Trihydrate | 21645-51-2 | | 10 | 10 | as $Al(OH)_3$ Dust | 75 |
| EPK (Kaolin) | 1332-58-7 | | | | | 20 |
| Respirable Fraction | | | 5.0 | 2.0 | As Dust, No Silica | |
| Total Dust | | | 10.0 | --- | As Dust, No Silica | |
| Not Listed[6] | NA[6] | | 10 | 10 | As Dust | 5 |

Notes:
1. The term "Hazardous" should be interpreted as defined and required 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.
2. 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.
3. 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 dust (29 CFR 1910.1000) for additional requirements.
4. These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) 2001 TLVs.
5. Approximate percent by weight values.
6. This component and the CAS # are not listed due to proprietary information.

## SECTION III – Physical/Chemical Characteristics:

| | | | |
|---|---|---|---|
| **BOILING POINT:** | ND | **VAPOR DENSITY (Air = 1)** | NA |
| **MELTING POINT:** | ND | **VAPOR PRESSURE (mm Hg):** | NA |
| **SPECIFIC GRAVITY:** | 2.35 – 2.40 | **EVAPORATION RATE** | |
| **Bulk Density:** | 61 $lbs/ft^3$ | **(Butyl Acetate = 1):** | Negligible @ 20°C |
| **pH:** | >8 | | |
| **APPEARANCE AND ODOR:** | Fine White to Creamy Powder, No Odor. | **SOLUBILITY IN WATER:** | Slightly Soluble to Insoluble. |

## SECTION IV – Fire and Explosion Hazard Data:

**FLASH POINT (Method Used):** 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

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

**SPECIAL FIRE FIGHTING PROCEDURES:**

Wear appropriate protection for the surrounding fire. When fighting chemical fires wear self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water spray.

Do not release runoff to sewers and waterways.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

This product is a fine powder and when suspended in air may cause flammable dust/air mixtures and/or explosive conditions. Static charges may be generated when emptying containers. Do not empty containers near flammable materials and ignition sources.

When subjected to heat, sparks and flames, toxic gases such as aluminum oxides, CO and $CO_2$ may be released.

## SECTION V – Reactivity Data:

**STABILITY:** **Stable:** X **Unstable:** _____

**Conditions to Avoid:** Ignition Sources (e.g.,heat, sparks and flames).

**INCOMPATIBILITY (Materials to Avoid):** None known.

**HAZARDOUS POLYMERIZATION:** **May Occur:** _____ **Will Not Occur:** X

**Conditions to Avoid:** None known.

**DECOMPOSITION PRODUCTS:** None known under normal handling and storage conditions.

## SECTION VI – Health Hazard Data:

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

**HEALTH HAZARDS (Acute and Chronic):**

**Acute (Short-Term) Effects:**

Eye and skin contact may cause mechanical abrasions/irritation.

Respiratory tract irritation possible from inhalation of dust due to physical nature of particulates.

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

Repeated and prolonged inhalation of dust may cause impaired lung function including pneumoconiosis. Smoking aggravates the effects of excessive dust exposure.

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

* This product has not been reviewed for carcinogenicity by IARC, NTP, or OSHA.

**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.

## SECTION VI – Health Hazard Data (Continued):

### EMERGENCY AND FIRST AID PROCEDURES:

**Eyes:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin:** 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.

**Inhalation:** Exit to fresh air. If irritation develops, seek medical attention. Support breathing as needed.

**Ingestion:** If the person is conscious, give large amounts of water and induce vomiting. Seek medical attention. Do no induce vomiting if person is unconscious.

**Note to Physician:** Dust exposure is primary concern.

## SECTION VII – Precautions for Safe Handling and Use:

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Caution: When wet this material is very slippery. Avoid wetting material before removing all but traces of the product.

For dry product, prevent the spread of the material and keep dust levels to a minimum. Scoop up, vacuum or sweep material and place into closed containers for reuse or disposal. Once material is swept up, the area may be flushed with water.

Contain the spill using appropriate personal protective equipment such as a NIOSH approved air-purifying respirator equipped with filters approved for particulates, and protective clothing. During clean up of dried material avoid creating airborne dust (e.g., use wet methods, or HEPA vacuum).

For wet spills, apply absorbent and sweep up for disposal.

If an emergency situation exists, contact spill response personnel.

**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.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

When not in use, store in tightly closed containers in a dry, cool, well-ventilated area. Keep floors clean and dry. Prevent static discharge by grounding containers. Use only with adequate ventilation that keeps dust levels below the permissible exposure limit (PEL). Handle so as not to create airborne dust. Avoid breathing dust. 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:

Eliminate ignition sources. Prevent static buildup. Isolate and clean equipment, piping and vessels prior to maintenance and repair.

**OTHER PRECAUTIONS:** Keep material from direct sunlight. Keep away from heat, sparks and flames.

## SECTION VIII – Control Measures:

### 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:** Use ventilation designed for use with materials that form flammable or explosive mixtures of dust in air.

**Other:** NA

## SECTION VIII – Control Measures (Continued):

**RESPIRATORY PROTECTION (Specify Type):** NIOSH approved dust mask, or a half-mask or full-facepiece air-purifying respirator (APR) equipped with filters approved for particulate, if exposure above the OSHA PEL is likely. 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.

**PROTECTIVE GLOVES:** Wear gloves when skin contact is likely.

**EYE PROTECTION:** Safety glasses with side shields or goggles. Cover goggles are recommended in dusty areas.

**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, and washing facilities.

**WORK/HYGIENIC PRACTICES:** Avoid skin and eye contact. Avoid breathing dust. 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 IX – Transportation Data::

| | |
|---|---|
| **DOT Proper Shipping Name:** | Not Regulated by DOT |
| **UN Hazard Class:** | NA |
| **UN Number:** | NA |
| **DOT Label:** | NA |

## SECTION X – Label Information:

**SUBSTANCE IDENTITY:** PRIMO PRIMER (CAT # 48230)

**HMIS LABEL CODE:**
**Health = 1**
**Flammability = 0**
**Reactivity = 0**
**Personal Protection = E**

**HEALTH HAZARDS:**

| | | | |
|---|---|---|---|
| Toxic | ____ | Corrosive | ____ |
| Highly Toxic | ____ | Sensitizer | ____ |
| Reproductive Toxin | ____ | Carcinogen | ____ |
| Irritant | X | | |

**IMMEDIATE AND DELAYED TARGET ORGAN EFFECTS:**

| | | | | | |
|---|---|---|---|---|---|
| Cutaneous Hazard (Skin Damage) | X | Eye Hazard | X | Nephrotoxin (Kidney Damage) | ____ |
| Hepatotoxin (Liver Damage) | ____ | Hematopoietic (Blood Sys.Damage) | ____ | Reproductive Toxin (Birth Defect, Sterility) | ____ |
| Neurotoxin (Nervous Sys. Damage) | ____ | Pulmonary Disfunction (Lung Damage) | X | | |

**ROUTES OF ENTRY:**
Ingestion: Unlikely Inhalation: X Skin Absorption: No Skin/Eye Contact: X

**PHYSICAL HAZARDS:**

| | | | | | |
|---|---|---|---|---|---|
| Combustible Liquid | ____ | Compressed Gas | ____ | Explosive | ____ |
| Flammable Gas | ____ | Flammable Liquid/Solid | ____ | Organic Peroxide | ____ |
| Oxidizer | ____ | Pyrophoric | ____ | Unstable (Reactive) | ____ |
| Water reactive | | | | | |



**END OF MSDS**