



# Material Safety Data Sheet

Protective Coatings

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**Akona Manufacturing, LLC.**  
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Mendota Heights, MN 55120-1221

**Emergency Telephone Number:**  
651-905-8137  
**Information Telephone Number:**  
651-905-8137

**Revision Date:**  
July 2008

## SECTION I: PRODUCT IDENTIFICATION

Product Types: **Protective coatings for use in foundation insulation systems**

**AKONA Product Name:**  
Thermaseal Premixed Insulation Coating

## SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	TLV (ACGIH)
Portland Cement	10 mg/m <sup>3</sup>
Crystalline Cement	10 mg/m <sup>3</sup>
Formaldehyde	1 ppm

## SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Solubility in Water:</b> 2.2%	<b>Vapor Density:</b> NA
<b>Physical Appearance and Odor:</b> Gray odorless powder.	<b>Specific Gravity:</b> 2.79
<b>Boiling Point:</b> NA	<b>Evaporation Rate:</b> NA (Butyl Acetate =1)
<b>Freezing Point:</b> NA	<b>Melting Point:</b> NA
<b>Vapor Pressure:</b> NA	

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** NA  
**Flammable Limits:** NA  
**Fire Extinguishing Media:** Non-combustible  
**Special Fire Fighting Procedures:** NA  
**Unusual Fire and Explosion Hazards:** Non-combustible

## SECTION V: REACTIVITY DATA

**Stability:** Stable.  
**Incompatibility:** Acids.  
**Hazardous Polymerization:** Will not occur.

## SECTION VI: HEALTH HAZARD DATA

<b>Route(s) of Entry:</b>	<b>Inhalation?</b> Yes	<b>Skin?</b> Yes	<b>Ingestion?</b> Yes
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**Health Hazards (Acute and Chronic)** lungs, stomach, skin, eyes

<b>Carcinogenicity:</b> Not classified as a carcinogenic by NTP, IARC, OSHA	<b>FTP?</b> No	<b>IARC Monographs?</b> No	<b>OSHA Regulated?</b> No
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### EXPOSURE

**Inhalation:** Product dust can irritate nose, throat and mucous membrane



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**Eye Contact:** Irritation, redness, itching.

**Skin Contact:** May develop heat if a large mass is kept in contact with skin while hardening.

**Ingestion:** May cause nausea and vomiting.

## FIRST AID

**Inhalation:** Remove to fresh air if effects occur. Consult physician.

AVOID SKIN AND EYE CONTACT AND AVOID BREATHING VAPORS.

**Eye Contact:** Flush with large amounts of water, lifting the upper and lower lids occasionally. Get medical attention.

**Skin Contact:** Thoroughly wash affected area with soap and water. Remove contaminated clothing.

**Ingestion:** Seek medical attention immediately

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be taken in case material is released or spilled:** Sweep floor area. Avoid creating excessive dust.

**Waste Disposal Method:** In accordance with local, state and federal regulations.

**Precautions to be taken in handling and storing:** Wear gloves for manual handling. Avoid breathing dust. High humidity or liquid water during storage will harden gypsum cement.

**Other Precautions:** Chronic inhalation of cement mortars containing small amounts of free silica dust may cause silicosis or other serious delayed lung injury.

## SECTION VIII: CONTROL MEASURES

**Respiratory Protection:** NIOSH approved nuisance dust respirator

### Ventilation:

**Local Exhaust:** Yes

**Mechanical:** Yes

**Eye Protection:** Safety goggles

**Special Protection:** Protective clothing and gloves, well ventilated work area

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