



MATERIAL SAFETY DATA SHEET

IN CASE OF EMERGENCY CALL CHEMTREC 1-800-424-9300 CONTACT ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

1. Product and Company Information

Cornerstone Industries, 750 Patrick Place, Suite A Brownsburg, IN. 46112

INFORMATION PHONE 1-317-852-6522

Effective Date: Jan 1st 2012 gah

Product Name: CS5000 CornerCrete[®] PF Antimicrobial Part 1

Product Use: Phthalate Free Polyurethane Binder

2. Hazards Identification

| | |
|-----------------|--|
| Physical State | Viscous liquid paint |
| Odor | Mild odor |
| Eye Contact | Prolonged exposure may cause eye irritation. |
| Inhalation | Unlikely due to properties but may cause respiratory sensitization or asthma in susceptible individuals. |
| Skin Contact | Prolonged or repeated contact may cause skin irritation. |
| Sensitization | Allergic skin reaction unlikely |
| Carcinogenicity | Many previous studies have concluded the material is not a carcinogen. |

3. Ingredients

| | CAS | |
|---|------------|---------|
| Zinc Pyrithione (EPA registry number 1258-841) | 13463-41-7 | < 1% ++ |

The balance of the ingredients are non-hazardous

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not Hazardous per this OSHA Standard may be listed. Where proprietary Ingredient shows, the identity may be made available as provided in this standard.

4. First Aid

| | |
|-------------------|--|
| Eye Contact | Flush eyes thoroughly with water for several minutes. Remove contact lenses |
| Skin Contact | Remove material from skin and wash with plenty of soap and water. Remove contaminated clothing and shoes while washing. Wash clothing before reuse. |
| Inhalation | Unlikely due to properties. Move person to fresh air. |
| Ingestion | Do not induce vomiting unless a physician is present. |
| Note to physician | No specific antidote |

5. Fire Fighting Measures

FLASH POINT: >190 °C
METHOD USED: PMCC
FLAMMABLE LIMITS LFL: not applicable
UFL: not applicable

EXTINGUISHING MEDIA: **Alcohol resistant foams** (ATC type) are preferred. Water fog or fine spray. Dry chemical fire extinguishers. Carbon Dioxide. Do not use a direct water stream as this would tend to spread the fire.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure SCBA. Use water spray to cool exposed containers such as drums.

HAZARDOUS DECOMPOSITION PRODUCTS: The by-products expected in incomplete pyrolysis of materials of this nature are oxides of carbon, soot and water. The thermal decomposition products therefore should be treated as potentially hazardous, and appropriate precautions should be taken.

6. Accidental Release Measures

ACTION TO TAKE FOR SPILLS/LEAKS: Contain spill material if possible. Soak up in absorbent material and collect in suitable containers. Residual may be removed using steam or hot soapy water.

DISPOSAL METHOD: Burn in adequate incinerator or bury in an approved landfill; in accordance with local, state and federal regulations.

7. Handling and Storage

STABILITY: (CONDITIONS TO AVOID) Contains water. Do not allow to freeze.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Base. Acids and isocyanates

8. Exposure Controls/Personal Protection

Eye/face protection Use safety glasses with side shields.
Skin protection For brief contact, no precautions other than clean body covering clothing should be needed. Use impervious gloves when prolonged or frequently repeated contact could occur.
Ventilation Good room ventilation usually adequate for most operations.
Respiratory Protection None normally needed.

Zinc Pyrithione CAS 13463-41-7 0.35 mg/m³ TWA

9. Physical and Chemical Properties

Physical State Viscous paint like material
Color Various
Odor Mild
Flash Point > 190 °C
Flammable limits not determined
Vapor Density Heavier than air
Boiling point not determined
Auto-Ignition not determined – expected to be high



15. REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS:

The concentrations shown in this document are maximum or ceiling levels (weight %) to be used for regulations. Trade Secrets are indicated by proprietary.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

The components of this product are contained on the chemical substance inventory list or exempt from listing.

FEDERAL EPA:

CERCLA

Requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4 . Components present in this product at level which could require reporting under the statute are:

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>% By Weight</u> | <u>RQ</u> |
|----------------------|-------------------|--------------------|-----------|
|----------------------|-------------------|--------------------|-----------|

NONE

SARA) TITLE III:

Sections 301-304 require emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (Rqs) in 40 CFR 355. Components present in this product at a level which could require reporting under this statute are:

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>% By Weight</u> |
|----------------------|-------------------|--------------------|
|----------------------|-------------------|--------------------|

NONE

Sections 311-312 require products be reviewed and applicable EPA Hazard Definitions be identified and made known.

EPA HAZARD CLASSIFICATIONS:

| Acute Hazard | Chronic Hazard | Fire Hazard | Pressure Hazard | Reactive Hazard |
|--------------|----------------|-------------|-----------------|-----------------|
| <i>no</i> | <i>no</i> | <i>no</i> | <i>no</i> | <i>no</i> |

Section 313 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDSs that are distributed for this material. Components present in this product at level which could require reporting under the statute are:

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>% By Weight</u> |
|----------------------|-------------------|--------------------|
|----------------------|-------------------|--------------------|

NONE



CS5000 CornerCrete® PF Antimicrobial Part 1 page 5

California Proposition 65

There are no ingredients present or in reportable amounts that are known in the state of California to cause birth defects or cancer.

New Jersey Right-to Know:

The following materials are non-hazardous, but are among the top five components in this product.

| <u>CAS#</u> | <u>Chemical Name</u> | |
|--------------|---------------------------|--|
| Trade secret | non-phthalate plasticizer | |
| 8001-79-4 | Castor Oil | |
| 13463-67-7 | Titanium Dioxide | |
| 13463-41-7 | Zinc Pyrithione | NJ Hazardous substance list 1989-12-01 |

Pennsylvania Right-to Know:

The following materials are non-hazardous ingredients present at greater than 3%

| <u>CAS#</u> | <u>Chemical Name</u> | |
|--------------|---------------------------|---|
| Trade secret | non-phthalate plasticizer | |
| 8001-79-4 | Castor Oil | |
| 13463-67-7 | Titanium Dioxide | |
| 13463-41-7 | Zinc Pyrithione | PA environmentally Hazardous substance 1990-01-01 |

16. Other Information

WHMIS (Canada) not controlled

The components of this product are contained on the Canadian DSL or are not required to be listed.

CEPA Challenge Substances None
Hazardous Products Act Information CPR Compliance

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

HMIS

| | | |
|-------------------|------------|---|
| 4 = EXTREME | HEALTH | 1 |
| 3 = HIGH | FIRE | 1 |
| 2 = MODERATE | REACTIVITY | 0 |
| 1 = SLIGHT | SPECIFIC | B |
| 0 = INSIGNIFICANT | | |

If you are unsure if you must report more information, call the EPA Emergency Planning and Right-To-Know Hot Line : 800-535-0202 or 202-479-2449

The information herein is given in good faith, but no warranty expressed or implied is made. Cornerstone Industries urges suppliers and users of this product to evaluate its suitability and compliance with local regulations as we cannot foresee the nature of the final application or the final location of usage.

Effective Date January 1st 2012