

MATERIAL SAFETY DATA SHEET



INNERBOND C-770 Stone, Marble & Granite Caulk

**SECTION I – PRODUCT AND COMPANY IDENTIFICATION**

**DATE:** August 19, 2010  
**MANUFACTURER'S NAME:** INLAND, INC.  
**ADDRESS:** P. O. BOX 644 (42702)  
209 PETERSON DRIVE  
ELIZABETHTOWN, KY 42701  
**TELEPHONE NUMBER:** 270-737-6757  
**EMERGENCY CONTACT:** CHEMTREC 800-424-9300  
**NFPA = NATIONAL FIRE PROTECTION ASSOCIATION**  
**HEALTH (NFPA):** 2      **FLAMMABILITY (NFPA):** 1      **REACTIVITY (NFPA):** 0  
**CAS NO:** MIXTURE  
**INLAND, INC. WARNING CODE:** NOT USED  
**GENERIC DESCRIPTION:** SILICONE

**SECTION II - HAZARDOUS COMPONENTS**

| <u>CAS Number</u> | <u>Substance</u>       | <u>Wt. %</u> |
|-------------------|------------------------|--------------|
| 17689-77-9        | Ethyltriacetoxysilane  | 1.0 – 5.0    |
| 4253-34-3         | Methyltriacetoxysilane | 1.0 – 5.0    |

The above components are hazardous as defined in 29 CFR 1910.1200.

**SECTION III – HAZARDS IDENTIFICATION**

**Eyes:**  
Direct contact may cause moderate irritation  
**Skin:**  
May cause moderate irritation.  
**Inhalation:**  
Material is not likely to present an inhalation hazard at ambient conditions. However, if material is heated or high vapor/aerosol concentrations are attained, central nervous system depression may occur, which is characterized by drowsiness, dizziness, confusion or loss of coordination.  
**Oral:**  
Low ingestion hazard in normal use  
**Medical Conditions Aggravated by Exposure:**  
No known applicable information

**SECTION IV - FIRST AID MEASURES**

**Eyes:** Flush with water for 15 minutes. Get medical attention.  
**Skin:** Wipe off and wash with soap and water. Get medical attention if irritation develops.  
**Inhalation:** Material is not likely to present an inhalation hazard at ambient conditions. However, if material is heated or vapor/mist/dust/fumes are generated, care should be taken to prevent inhalation. In case of exposure to vapor/mist/dust/fumes, move to fresh air.  
**Oral:** No first aid should be needed.

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#### SECTION V - FIRE FIGHTING MEASURES

|  |   |
|--|---|
| <b>Flash Point (Method Used):</b>          | Closed Cup, Above 212°F/100°C   |
| <b>Autoignition:</b>                       | Not Determined  |
| <b>Flammability Limits in Air:</b>         | Not Determined  |
| <b>Extinguishing Media:</b>                | On large fires, use dry chemical, foam or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire exposed containers.  |
| <b>Special Fire Fighting Procedures:</b>   | Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. |
| <b>Unusual Fire and Explosion Hazards:</b> | None  |
| <b>Hazardous Decomposition Products:</b>   | Carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide & formaldehyde  |

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Containment/Clean up:** Use all personal protection equipment recommendations described in Sections V and VIII. Scrape up spilled material and contain for salvage or disposal. Keep spills away from sewers and open bodies of water. Dispose of saturated cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable.

Note: See section VIII for personal protective equipment for spills.

#### SECTION VII - HANDLING AND STORAGE

Ensure adequate ventilation or use respiratory protection. Acetic acid (HOAc) is formed when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid prolonged skin contact. Do not take internally. Avoid breathing vapor. Use reasonable care and store away from oxidizing materials. Keep container closed and protect against moisture.

#### SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION

| <u>CAS Number</u> | <u>Substance</u>       | <u>Exposure Limits</u> |
|-------------------|------------------------|------------------------|
| 17689-77-9        | Ethyltriacetoxysilane  | See Comments           |
| 4253-34-3         | Methyltriacetoxysilane | See Comments           |

Comments: Acetic acid is formed when exposed to water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

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SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION Cont.

PERSONAL PROTECTION EQUIPMENT FOR ROUTINE HANDLING (PPE)

- Respiratory Protection:** Use respirator protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. If vapor/mist/dust/fumes are generated when material is heated or handled, the following is advised. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
- Hand Protection:** Nitrile Rubber or Butyl Rubber protective gloves
- Eye Protection:** Safety glasses with side shields
- Skin Protection:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse.

PERSONAL PROTECTION EQUIPMENT FOR SPILLS (PPE)

- Respiratory Protection:** Respiratory protection recommended. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown or any other circumstance where air purifying respirators may not provide adequate protection.
- Eye Protection:** Use full face respirator
- Skin Protection:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Use Nitrile Rubber or Butyl Rubber protective gloves
- Precautionary Measures:** Avoid eye contact. Avoid skin contact. Do not take internally. Avoid breathing vapor. Keep container closed. Use reasonable care.
- Comments:** Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection.
- Note:** When heated to temperatures above 150°C (300°F) in the presence of air, product may form formaldehyde vapors. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

- Physical Form:** Paste
- Odor:** Acetic Acid-like
- Specific Gravity (at 77°F/25°C):** 1.007
- Viscosity:** Not determined
- Boiling Point:** Not determined
- Freezing/Melting Point:** Not determined
- Vapor Pressure (at 77°F/25°C):** Not determined
- Vapor Density:** Not determined
- Solubility in Water:** Not determined
- pH:** Not determined
- Percent Volatile by Weight:** Not determined

The above information is not intended for use in preparing product specifications.

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**SECTION X – STABILITY AND REACTIVITY**

**Chemical Stability:** Stable  
**Hazardous Polymerization:** Hazardous polymerization will not occur  
**Conditions to Avoid:** None  
**Materials to Avoid:** Oxidizing materials can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section VIII.

**SECTION XI – TOXICOLOGICAL INFORMATION**

No known applicable information.

**SECTION XII – ECOLOGICAL INFORMATION**

Complete information is not yet available.

**SECTION XIII – DISPOSAL CONSIDERATION**

According to 40 CFR 261, this material is not classified as a hazardous waste. State and local laws may impose additional regulatory requirements regarding disposal.

**SECTION XIV – TRANSPORT INFORMATION**

**US DOT & Canada TDG Surface:** Not regulated  
**Transport by sea IMDG-Code:** Not regulated  
**Air transport ICAO-TI/IATA-DGR:** Not regulated

**SECTION XV – REGULATORY INFORMATION**

FEDERAL REGULATIONS:

**TSCA inventory status and TSCA information:**

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**TSCA 12 (b) Export Notification:**

This material does not contain any TSCA 12 (b) regulated chemicals.

**CERCLA Regulated Chemicals:**

This material does not contain any CERCLA regulated chemicals.

**SARA 302 EHS Chemicals:**

This material does not contain any SARA extremely hazardous substances.

**SARA 311/312 Hazard Class:**

Immediate (acute) health hazard.

**SARA 313 Chemicals:**

This material does not contain any SARA 313 chemicals above the minimum levels

**HAPS:**

This material does not contain any hazardous air pollutants.

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SECTION XV – REGULATORY INFORMATION Cont.

U.S. STATE REGULATIONS:

**California Proposition 65:**

This material does not contain any chemicals known to the state of California to cause cancer or reproductive effects.

**Massachusetts Substance List:**

7631-86-9 Silica, amorphous 7.0-13.0%

**New Jersey**

70131-67-8 Dimethyl siloxane, hydroxy-terminated >60.0%

7631-86-9 Silica, amorphous 7.0-13.0%

64742-46-7 Hydrotreated middle petroleum distillates <=7.0%

17689-77-9 Ethyltriacetoxysilane 1.0-5.0%

4253-34-3 Methyltriacetoxysilane 1.0-5.0%

**Pennsylvania**

70131-67-8 Dimethyl Siloxane, hydroxy-terminated >60.0%

7631-86-9 Silica, amorphous 7.0-13.0%

64742-46-7 Hydrotreated middle petroleum distillates <=7.0%

SECTION XVI – OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.