

MATERIAL SAFETY DATA SHEET

INNERBOND C-811 MIR-IMAGE ADHESIVE



SECTION I – PRODUCT AND COMPANY IDENTIFICATION

**DATE:** February 1, 2011

**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

**PROPER SHIPPING NAME (49CFR 172.101):** NONE  
**D.O.T. HAZARD NAME (49CFR 172.101):** NONE  
**D.O.T. ID NO (49CFR 172.101):** NONE  
**D.O.T. HAZARD CLASS (49CFR 172.101):** NONE  
**RCRA HAZARD CLASS (40CFR 261) (IF DISCARDED):** NONE  
**E.P.A. PRIORITY POLLUTANTS (40CFR 122.53):** NONE

**NFPA = NATIONAL FIRE PROTECTION ASSOCIATION**  
**HEALTH (NFPA):** 1      **FLAMMABILITY (NFPA):** 1      **REACTIVITY (NFPA):** 1

**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>
64742-46-7	Distillates, petroleum, hydrotreated middle	5.0-10.0%
1185-55-3	Trimethoxy methylsilane	1.0-5.0%
128446-60-6	3-Aminopropyl (methyl) silsesquioxanes, ethoxy-terminated	1.0-5.0%
2768-02-7	Trimethoxy vinylsilane	1.0-5.0%
67-56-1	Methanol	Varies

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

SECTION III – HAZARDS IDENTIFICATION

**Eyes:** May cause slight eye irritation  
**Skin:** May cause slight skin irritation  
**Inhalation:** Not expected due to high viscosity  
**Oral:** Not expected in industrial use  
**Comments:** This material releases methanol upon moisture curing. Upon completion of the curing process, methanol will no longer be released. Methanol (CAS-No. 67-56-1) irritates mucous membranes, has skin drying and narcotic effects. If the lungs are directly affected, inflammation of the lungs may occur. Overexposure to any chemical may result in enhancement of pre-existing adverse medical conditions and allergic reactions. There are no carcinogenic ingredients present at or over 0.1% in this material. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable levels. See Section XI for Toxicological Information.

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### SECTION IV - FIRST AID MEASURES

**Eyes:** Flush with water for 15 minutes. Get medical attention if irritation persists.  
**Skin:** Wipe off and flush with water. Get medical attention if irritation develops.  
**Inhalation:** Remove to fresh air. Get medical attention if ill effects persist.  
**Oral:** Drink plenty of water. Get medical attention immediately. Show label

### SECTION V - FIRE FIGHTING MEASURES

**Flash Point (Method Used):** Not applicable  
**Ignition:** >400°C (>752°F)  
**Flammability Limits in Air:** Not Determined  
**Extinguishing Media:** Water  
X Water Fog  
X Carbon Dioxide  
X Dry Chemical  
X Alcohol-resistant foam  
Other \_\_\_\_\_

**Special Fire Fighting Procedures:** Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

**Unusual Fire and Explosion Hazards:** Hazardous decomposition products: carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide, nitrogen oxides and incompletely burnt hydrocarbons.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Containment/Clean up:** Use all personal protection equipment recommendations described in Sections V and VIII. Avoid contact with eyes and skin. Avoid inhaling mists and vapors. 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 and spilled product in accordance with local/state/federal regulations.

### SECTION VII - HANDLING AND STORAGE

Ensure adequate ventilation or use respiratory protection. Vapors may form in closed rooms leading to explosion in the presence of sources of ignition. Avoid eye contact. Avoid prolonged skin contact. Do not take internally. Keep container closed and protect against moisture. Store in a cool, well ventilated place.

### SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION

<u>CAS Number</u>	<u>Substance</u>	<u>Exposure Limits</u>
67-56-1	Methanol	See Comments

Comments: Re Methanol (CAS-no. 67-56-1): STEL is 250 ppm, skin notation (ACGIH); STEL is 250 ppm, skin notation (NIOSH).

#### PERSONAL PROTECTION EQUIPMENT (PPE)

**Respiratory Protection:** Use only with adequate ventilation. Respiratory protection is only necessary if long term or high level exposures are likely to occur.

**Hand Protection:** Butyl Rubber protective gloves

**Eye Protection:** Safety glasses with side shields

**Skin Protection:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing dust/vapor/mist/gas/aerosol. Do not eat, drink or smoke when handling.

**Other Protection:** Protective Clothing

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#### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b>	Paste
<b>Odor:</b>	Pleasant
<b>Boiling Point (at 760 MM HG):</b>	Not applicable
<b>Melting Point:</b>	Not applicable
<b>Ignition Temperature:</b>	>400°C (>752°F)
<b>Vapor Pressure (at 77°F/25°C):</b>	Not applicable
<b>Density:</b>	0.98-1.05 g/cm <sup>3</sup> at 25°C (77°F)
<b>Percent Volatile by Weight:</b>	Less than 5%
<b>Evaporation Rate (Ether = 1):</b>	Not applicable
<b>Viscosity (dynamic)</b>	Not applicable

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

#### SECTION X – STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur
<b>Conditions to Avoid:</b>	Exposure to air or moisture until ready to use.
<b>Materials to Avoid:</b>	Reacts with acids and water. Reaction causes the formation of methanol.

#### SECTION XI – TOXICOLOGICAL INFORMATION

Toxicological testing has not been conducted with this material. Ingestion of methanol or methanol releasing compounds may result in delayed damage to the optic nerves, causing permanent blindness and if untreated may cause other potentially fatal toxic effects.

#### SECTION XII – ECOLOGICAL INFORMATION

<b>Information on elimination:</b>	Biologically not degradable
<b>Ecotoxicological effects:</b>	According to past experience, no adverse effects were seen on water purification plants
<b>Further ecological information:</b>	In cross-linked state, not soluble in water. Easily separable from water by filtration.

#### SECTION XIII – DISPOSAL CONSIDERATION

Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations.

#### SECTION XIV – TRANSPORT INFORMATION

<b>US DOT &amp; Canada TDG Surface:</b>	Not regulated
<b>Transport by sea IMDG-Code:</b>	Not regulated
<b>Air transport ICAO-TI/IATA-DGR:</b>	Not regulated

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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:**

CAS No.	Chemical
128446-60-6	3-Aminopropyl (methyl) silsesquioxanes, ethoxy-terminated

**Reporting required under TSCA**  
One time export notification under TSCA 5(a)(2) required.

**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:**

This product does not present any SARA 311/312 hazards.

**SARA 313 Chemicals:**

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

**HAPS:**

67-56-1	Methanol
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U.S. STATE REGULATIONS:

**California Proposition 65 Carcinogens:**

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

**California Proposition 65 Reproductive Toxins:**

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

**Massachusetts Substance List:**

112945-52-5	Silica, amorphous, fumed
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**New Jersey**

112945-52-5	Silica, amorphous, fumed
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**Pennsylvania**

112945-52-5	Silica, amorphous, fumed
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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.