

MATERIAL SAFETY DATA SHEET



**INNERBOND 414 ADHESIVE CAULK**

**SECTION I – PRODUCT AND COMPANY IDENTIFICATION**

**DATE:** January 25, 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  
**NFPA = NATIONAL FIRE PROTECTION ASSOCIATION**  
**HEALTH (NFPA):** 1      **FLAMMABILITY (NFPA):** 0      **REACTIVITY (NFPA):** 0  
**CAS NO:** MIXTURE  
**INLAND, INC. WARNING CODE:** NOT USED  
**GENERIC DESCRIPTION:** SEALANT

**SECTION II - HAZARDOUS COMPONENTS**

<u>CAS Number</u>	<u>Substance</u>	<u>Wt. %</u>
52640-81-0	2-propenoic acid, polymer	10.0 – 30.0
85-68-7	Butyl benzyl phthalate	5.0 – 10.0
107-21-1	Ethanediol	1.0 – 5.0
8052-41-3	Stoddard solvent	1.0 – 5.0
25067-01-0	2-Propenoic acid, Butyl ester, Polymer with Ethenyl Acetate	1.0 – 5.0

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

**SECTION III – HAZARDS IDENTIFICATION**

**Eyes:**

Contact can cause severe irritation and redness with swelling.

**Skin:**

May be absorbed through the skin and produce effects as listed under "Ingestion". May cause irritation and reddening of the skin.

**Inhalation:**

Vapor overexposure may cause headache, dizziness, tiredness, nausea and vomiting. May irritate mucous membranes and respiratory tract with coughing and shortness of breath.

**Ingestion:**

May be harmful if swallowed. May cause kidney damage. May cause irritation of the mouth, throat and stomach. May cause headache, dizziness, nausea, vomiting, and central nervous system depression.

**Medical Conditions Aggravated:**

Central nervous system disorders. Pre-existing skin or respiratory diseases. Kidney disorders

**Subchronic (Target Organ):**

Respiratory system. Kidney. Central nervous system

**Chronic Effects / Carcinogenicity:**

This product and its ingredients (present at 0.1% or more) are not listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

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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 wash with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation or symptoms from Section III develop. Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains.

Inhalation:

Remove to fresh air. Get medical attention if irritation or symptoms from Section III develop. If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact.

Ingestion:

Immediate medical attention is required. Do not induce vomiting. Never give anything by mouth to an unconscious person. To avoid aspiration should vomiting occur, have the person lean forward. If victim is unconscious, give 2 – 4 glasses of water. Never induce vomiting unless specifically directed by qualified medical personnel.

SECTION V - FIRE FIGHTING MEASURES

<b>Ignition Temperature:</b>	Unknown
<b>Flammability Limits in Air:</b>	Unknown
<b>Sensitivity to Mechanical Impact:</b>	No
<b>Sensitivity to Static Discharge:</b>	Not expected
<b>Extinguishing Media:</b>	All standard firefighting media
<b>Special Fire Fighting Procedures:</b>	NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.
<b>Unusual Fire and Explosion Hazards:</b>	None

SECTION VI - ACCIDENTAL RELEASE MEASURES

**Containment/Clean up:** Use all personal protection equipment recommendations described in protective equipment section. Wipe, scrape or soak up spilled material with an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Keep spills away from sewers and open bodies of water. Dispose of saturated cleaning materials and spilled product in accordance with local and federal regulations.

SECTION VII - HANDLING AND STORAGE

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Keep away from children. Keep container tightly closed. Keep container dry. Do not inhale vapors. Avoid accidental ingestion. Wash hands and face before eating, drinking, smoking, using toilet facilities or applying cosmetics. Store between 40°F and 120°F. Product releases formaldehyde during curing.

**Respiratory Protection:** If exposure limits are exceeded or if respiratory irritation is experienced, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use only approved respirators. Supplemental respirators may be required for non-routine or emergency situations.

SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Hand Protection:</b>	Neoprene
<b>Eye Protection:</b>	Safety glasses with side shields
<b>Skin Protection:</b>	Wash hands and face before eating, drinking, smoking, using toilet facilities or applying cosmetics. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse.

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SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION Cont.

EXPOSURE GUIDELINES:

<u>CAS Number</u>	<u>Substance</u>	<u>Source</u>	<u>Value</u>
107-21-1	1,2 Ethanediol	ACGIH, Ceiling	Aerosol. 100mg/m <sup>3</sup>
8052-41-3	Stoddard Solvent	ACGIH, TWA	100 ppm,
8052-41-3	Stoddard Solvent	OSHA Z1, PEL	500 PPM; 2,900 mg/m <sup>3</sup>

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b>	Solid
<b>Odor:</b>	Acrylic
<b>Boiling Point (at 760 MM HG):</b>	Unknown
<b>Specific Gravity (at 77°F/25°C):</b>	1.61
<b>Vapor Pressure (at 77°F/25°C):</b>	Unknown
<b>Vapor Density (Air = 1 at 77°F/25°C):</b>	Unknown
<b>Freezing Point:</b>	Unknown
<b>Melting Point:</b>	Unknown
<b>Density (KG/M3):</b>	1,616.00 KG/M <sup>3</sup>
<b>pH</b>	7.8 – 8.4
<b>Acid / Alkalinity (MEQ/G)</b>	Unknown
<b>Volatile Organic Content (VOL)</b>	Unknown
<b>VOC Excl H2O &amp; Exempts (G/L)</b>	53.4
<b>Evaporation Rate (Butyl Acetate = 1):</b>	Unknown
<b>Solubility in Water:</b>	Soluble

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

SECTION X – STABILITY AND REACTIVITY

**Chemical Stability:**

Stable

**Hazardous Polymerization:**

Will not occur

**Hazardous Thermal Decomposition / Combustion Products:**

Carbon dioxide (CO<sub>2</sub>), Formaldehyde, Carbon monoxide, Oxides of nitrogen, Acrylic monomers

**Conditions to Avoid:**

Keep away from heat and sources of ignition

**Incompatibility (Materials to Avoid):**

None known

SECTION XI – TOXICOLOGICAL INFORMATION

No known applicable information.

SECTION XII – ECOLOGICAL INFORMATION

No known applicable information.

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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. Chronic health hazard

**SARA 313 Chemicals:**

107-21-1, 1,2 – Ethanediol, 85-68-7, Butyl benzyl phthalate

**HAPS:**

This material does not contain any hazardous air pollutants.

U.S. STATE REGULATIONS:

**California Proposition 65 Carcinogens:**

This material contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

140-88-5 Ethyl Acrylate  
107-13-1 Acrylonitrile  
7439-92-1 Lead  
75-07-0 Acetaldehyde  
79-06-1 2 - Propenamide  
50-00-0 Formaldehyde  
7440-38-2 Arsenic

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.