INNERBOND 1410-I Industrial Adhesive/Sealant

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

DATE: January 1, 2022 **Date of last alteration**:

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):** 1
CAS NO: MIXTURE
INLAND, INC. WARNING CODE: NOT USED
GENERIC DESCRIPTION: SILICONE

SECTION 2: HAZARDS IDENTIFICATION

Eyes: Direct contact irritates slightly to moderately with redness and swelling.

Skin: A single short exposure (less than 24 hours) may irritate. Repeated, prolonged contact (24 – 48 hours) may irritate moderately.

Inhalation: Vapor overexposure may irritate eyes, nose and throat.

Oral: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

Comments: No injury from dust should occur during reasonable use. If use creates respirable particles, some respiratory system injury may occur. This material releases acetic acid vapors upon curing. Overexposure to these vapors may cause eye, mucous membranes, skin and respiratory irritation. Fully cured, acetic acid will no longer be released. The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. 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.

SECTION 3: HAZARDOUS COMPONENTS

CAS Number	Substance	Wt. %
17689-77-9	Ethyltriacetoxysilane	1.0 – 5.0
4253-34-3	Methyltriacetoxysilane	1.0 – 5.0
64-19-7	Acetic acid	Varies

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

SECTION 4: FIRST AID MEASURES

Eyes: Flush with water for 15 minutes. Get medical attention.
Skin: Wipe off and flush with water. Use waterless hand cleaner to remove as much of the remaining material as possible. Get medical attention if irritation develops.
Inhalation: Remove to fresh air. Get medical attention if ill effects persist.
Oral: Do not induce vomiting. Dilute ingested material with several glasses of water.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used): Not Applicable
Autoignition: Approximately 400°C (752°F)
Flammability Limits in Air: Not Determined
Extinguishing Media:
- Water
- X Water Fog
- X CO_2
- X Dry Chemical
- X Foam
- Other_____.

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Cool endangered containers with water.
Hazardous Decomposition Products: Acetic acid
Fire and Explosion Hazards: Hydrolyzes on contact with moisture releasing ignitable, corrosive vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Containment/Clean up: Use all personal protection equipment recommendations described in Sections 5 and 8. Scrape up spilled material and contain for salvage or disposal. Do not flush away with water. Keep spills away from sewers and open bodies of water. Absorb with liquid, mainly acid binding material and dispose of according to local and federal regulations. Dispose of saturated cleaning materials and spilled product in accordance with local and federal regulations.

SECTION 7: HANDLING AND STORAGE

Ensure adequate ventilation or use respiratory protection. In enclosed spaces, vapors can form mixtures with air which may cause an explosion in the presence of sources of ignition. This may also occur in empty, uncleaned containers. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Acetic acid is formed when exposed to water or humid air. Avoid eye contact. Avoid prolonged skin contact. Do not take internally. Keep container closed and protect against moisture. Maximum temperature allowed during storage and transportation is 30°C (86°F).

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

CAS Number	Substance	Exposure Limits
64-19-7	Acetic aid	See Comments

Comments: Acetic acid is formed when exposed to water or humid air. Ensure adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10ppm and ACGIH TLV: TWA 10 ppm, OSHA PEL 25.0 mg/m³m, 10 ppm.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION Cont.

PERSONAL PROTECTION EQUIPMENT (PPE)

Respiratory Protection:	Respiratory protection is only necessary if long term or high level exposures are likely to occur. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
Hand Protection:	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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Paste
Odor:	Pungent
Boiling Point (at 760 MM HG):	Not applicable
Specific Gravity (at 77°F/25°C):	0.99 – 1.3
Melting Point:	Not applicable
Vapor Pressure (at 77°F/25°C):	Less than 5 mm
Vapor Density (Air = 1 at 77°F/25°C):	Not applicable
Percent Volatile by Weight:	Less than 5%
Evaporation Rate (Ether = 1):	Not applicable
Solubility in Water:	Less than 0.1%

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

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Moisture
Materials to Avoid:	Oxidizing materials can cause a reaction. Water, moisture or humid air can cause formation of Acetic acid vapors.
Hazardous Decomposition Products:	Acetic acid is formed by hydrolysis. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150° C (302°F) through oxidation.

SECTION 11: TOXICOLOGICAL INFORMATION

No known applicable information.

SECTION 12: ECOLOGICAL INFORMATION

Information on elimination:	Biologically not degradable
Behavior in environmental compartments:	Bioaccumulation improbable
Ecotoxicological effects:	According to past experience, toxicity to fish is improbable and no adverse effects were seen on water purification plants
Further ecological information:	In cross-linked state, not soluble in water. Easily separable from water by filtration.

SECTION 13: DISPOSAL CONSIDERATION

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

SECTION 14: 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 15: 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.

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	7.0-13.0%

New Jersey

112945-52-5	Silica, amorphous, fumed	7.0-13.0%

Pennsylvania

112945-52-5	Silica, amorphous, fumed	7.0-13.0%

SECTION 16: 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.