

INNERBOND B-910 General Purpose Sealant



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

DATE: January 1, 2020	Date of last alteration:	
MANUFACTURER'S NAME:	INLAND, INC.	
ADDRESS:	P. O. BOX 644 (42702) 209 PETERSON DRIVE ELIZABETHTOWN, KY 42701 270-737-6757	
TELEPHONE NUMBER:	CHEMTREC 800-424-9300	
EMERGENCY CONTACT:		
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: 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. This is characterized by drowsiness, dizziness, confusion or loss of coordination.

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

Comments: This material releases acetic acid upon moisture curing. Upon completion of the curing process, acetic acid will no longer be released. Acetic acid is moderately toxic by ingestion and inhalation. Dilute acetic acid is however, approved for food use. Acetic acid is a severe skin, eye and mucous membrane irritant. No injury from dust should occur during reasonable use. If use creates respirable particles, some respiratory system injury may occur. Cured sealant is non-hazardous. 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 11 for toxicological information.

SECTION 3: COMPONENTS

<u>CAS Number</u>	<u>Substance</u>	<u>Wt. %</u>
17689-77-9	Triacetoxo Ethylsilane	1.0 – 5.0
4253-34-3	Triacetoxo Methylsilane	1.0 – 5.0
	Oligomeric ethyl and methyl acetoxysilanes	1.0 – 5.0
64-19-7	Acetic Acid (by-product)	Varies

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SECTION 4: 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: Remove to fresh air. Get medical attention if ill effects persist.
Ingestion: No first aid should be needed.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used): Not applicable
Boiling point/boiling range: Not applicable
Lower explosion limit (LEL): Not applicable
Upper explosion limit (UEL): Not applicable
Ignition temperature: Approx. 400°C (752°F)
Extinguishing Media: Water Fog, CO2, Dry Chemical, Foam
Unsuitable extinguishing media: Sharp water jet
Special Fire Fighting Procedures: Cool endangered containers with water. Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire and Explosion Hazards: None
Hazardous Decomposition Products: Carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide & formaldehyde

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. 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 7: HANDLING AND STORAGE

Ensure adequate ventilation or use respiratory protection. 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. Store away from oxidizing materials.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

<u>CAS Number</u>	<u>Substance</u>	<u>Exposure Limits</u>
64-19-7	Acetic Acid	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 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

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: Fluorinated 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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Paste
Odor:	Pungent
Boiling Point (at 760 MM HG):	Not applicable
Melting Point:	Not applicable
Flash Point:	Not applicable
Ignition Temperature:	Approx 400°C (752°F)
Lower explosion limit (LEL):	Not applicable
Upper explosion limit (UEL):	Not applicable
Vapor Pressure:	Not applicable
Density:	0.98 – 1.05 g/cm ³ at 25°C (77°F)
PH Value:	Not applicable
Evaporation Rate (Ether = 1):	Not applicable
Solubility in Water:	Virtually insoluble, hydrolytic decomposition occurs
Viscosity (dynamic):	Approx. 800000 mPa.s
VOC (Volatile Organic Content)	<25g/L

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

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Hazardous Polymerization:	Hazardous polymerization will not occur
Conditions to Avoid:	Exposure to air or moisture until ready to use.
Materials to Avoid:	Reacts with: water, basic substances and alcohols. Reaction causes the formation of acetic acid.
Hazardous Decomposition Products:	By hydrolysis: acetic acid. Measurements have shown the formation of small amounts of formaldehyde at temperatures above 150°C (302°F) through oxidation.

SECTION 11: TOXICOLOGICAL INFORMATION

No known applicable information.

SECTION 12: ECOLOGICAL INFORMATION

Biologically not degradable. Contact with water liberates acetic acid. Bioaccumulation is not expected to occur. Toxicity to fish is improbable. According to current knowledge adverse effects on water purification plants are not expected.

SECTION 13: 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.

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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

New Jersey Right-to-Know- Hazardous Substance List:

112945-52-5 Silica, amorphous, fumed

Pennsylvania Right-to-Know-Hazardous Substance List:

112945-52-5 Silica, amorphous, fumed

CANADIAN REGULATIONS:

This product has been classified in accordance with the Hazard criteria of the CPR and MSDS contains all the information required by the CPR.

WHMIS Hazard Classes: D2B

DSL Status: This material or its components are listed on the Canadian Domestic Substances List:

112945-52-5 Silica, amorphous, fumed

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.