



SAFETY DATA SHEET 25100

InnoviBond Sprayable Insulation Adhesive Part B

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	InnoviBond Sprayable Insulation Adhesive Part B
TRADE NAME	Sprayable Roofing Adhesive
PRODUCT NUMBER	6100011
CHEMICAL FAMILY	Resin
PRODUCT USE	Polyurethane Component, Industrial Chemicals
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 160 IKO Way Hagerstown, MD 21740 United States
WEBSITE	www.iko.com
EMERGENCY NUMBER	CANUTEC: 1-613-996-6666 (24 hours information only)

SECTION 2 – HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

SIGNAL WORD Warning

SYMBOL(S)



CLASSIFICATION Gases under Pressure – Compressed Gas
Specific Target Organ Toxicity, Repeated Exposure – Category 2 (oral)
Simple Asphyxiant

HAZARD STATEMENTS
H280 Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation.
H373 May cause damage to organs (Olfactory organs) through prolonged or repeated exposure (inhalation).

PRECAUTIONARY STATEMENTS
P260 Do not breathe dust/gas/mist/vapours.
P314 Get medical advice/attention if you feel unwell.
P410+P403 Protect from sunlight. Store in well-ventilated place.
P501 Dispose of contents/container to hazardous or special waste collection point.

NFPA Health: 2
Flammability: 1
Reactivity: 1



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HMIS

Health: 2
Flammability: 1
Reactivity: 1

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CHEMICAL NAME	% (w/w)	CAS NUMBER
HFC-134A	$\geq 10.0 - < 15.0\%$	811-97-2
diethylene glycol	$\geq 1.0 - < 3.0\%$	111-46-6
triethylenediamine	$\geq 0.3 - < 1.0\%$	280-57-9
dipropylene glycol	$\geq 1.0 - < 3.0\%$	25265-71-8

ADDITIONAL INFORMATION: This product contains Nitrogen ($\geq 0.0 - < 1.0\%$), used for cylinder pressurization only.

SECTION 4 – FIRST AID

INHALATION	Remove the affected individual to fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.
INGESTION	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting.
SKIN CONTACT	Remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation develops, see medical attention.
EYE CONTACT	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.
ACUTE AND CHRONIC SYMPTOMS	The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.
MEDICAL ATTENTION	Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Suitable extinguishing: water spray, dry powder, carbon dioxide, foam
ADVICE FOR FIRE FIGHTING	Protective equipment: Protective clothing and respiratory protective device. Hazards during fire-fighting: nitrous gases, fumes/smoke, isocyanate, vapour



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FLAMMABILITY	Not flammable.
PROPERTIES	Form: Liquid Color: Clear Odor: Amine-like Odor threshold: Not applicable.
FLASH POINT	200.00 °F (closed cup)
FLAMMABLE LIMITS IN AIR	Not applicable.
AUTO IGNITION TEMPERATURE	>250 °C
ADDITIONAL INFORMATION	Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE	Use personal protective clothing. High risk of slipping due to leakage/spillage of product.
ENVIRONMENTAL PRECAUTIONS	Do not empty into drains. Do not discharge into the subsoil/soil
SPILL MANAGEMENT	No further information.
REFERENCE TO OTHER SECTIONS	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information

SECTION 7 - HANDLING AND STORAGE

STORAGE PRECAUTIONS/ PROCEDURES	Ensure thorough ventilation of stores and work areas. Protect against moisture.
CONDITIONS FOR SAFE STORAGE (AS WELL AS INCOMPATIBILITIES)	Keep away from water. Segregate from foods and animal feeds. Segregate from acids and oxidants. Suitable materials for containers: Carbon steel (Iron), High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2) Further information on storage conditions: No special precautions necessary. Avoid extreme heat. Store protected against freezing. Ideal storage temperature: 16 - 27 °C Protection against fire and explosion: No explosion proofing



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necessary.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

No occupational exposure limits known.

ENGINEERING MEASURES	Provide local exhaust ventilation to control vapours/mists.
GENERAL SAFETY AND HYGIENE MEASURES	Avoid contact with skin. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately
RESPIRATORY PROTECTION	Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.
BODY PROTECTION	Standard work clothes and shoes.
EYE PROTECTION	Wear face shield or tightly fitting goggles (chemical goggles) if splashing hazard exists.
HAND PROTECTION	Chemical resistant protective gloves.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Form: Liquid Color: Clear
ODOR	Amine-like
ODOR THRESHOLD	Not applicable.
PH	≥ 7.0
MELTING POINT/FREEZING POINT	Freezing point: >0.00 °C
INITIAL BOILING POINT AND BOILING RANGE	Boiling point: >100.00 °C
FLASH POINT	200.00 °F (closed cup)
EVAPORATION RATE	Value can be approximated from Henry's Law Constant or vapor pressure.
FLAMMABILITY	Not flammable.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower: For liquids not relevant for classification and labelling. The lower explosion point may be $5 - 15$ °C below the flash point. Upper: For liquids not relevant for classification and labeling.



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VAPOR PRESSURE 25 °C (77 °F)	< 0.1 hPa
DENSITY	1.0010 - 1.0040 g/cm ³ (20.00 °C)
VAPOR DENSITY	Not applicable.
RELATIVE DENSITY	No applicable information available.
MOLECULAR WEIGHT	No information available
SOLUBILITY(IES)	Solubility in water: Slightly soluble Solubility (quantitative): No applicable information available. Solubility (qualitative): No applicable information available.
PARTITION COEFFICIENT: N-OCTANOL/WATER	Unspecified.
AUTO-IGNITION TEMPERATURE	>250 °C
VISCOSITY	Dynamic: 420.000 mPa.s (23.00 °C) Kinematic: No applicable information available.

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY	No hazardous reactions if stored and handled as prescribed / indicated.
CHEMICAL STABILITY	The product is stable if stored and handled as prescribed/indicated.
POSSIBILITY OF HAZARDOUS REACTIONS	No hazardous reactions if stored and handled as prescribed / indicated.
CONDITIONS TO AVOID	Temperature: < 0 degrees Celsius
INCOMPATIBLE MATERIALS	Acids, oxidizing agents, isocyanates
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide
THERMAL DECOMPOSITION	No decomposition if stored and handled as prescribed/indicated.

SECTION 11 – TOXICOLOGICAL INFORMATION

PRIMARY ROUTE OF EXPOSURE	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for
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	liquefied gases.
ACUTE TOXICITY	No known acute effects. Assessment of STOT single: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.
CHRONIC TOXICITY	Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.
EYES	No irritation is expected under intended use and appropriate handling.
SKIN	No irritation is expected under intended use and appropriate handling.
INHALATION	No applicable information.
INGESTION	No applicable information.
SENSITIZATION	The chemical structure does not suggest a sensitizing effect. No applicable information available.
ASPIRATION HAZARD	No aspiration hazard expected.
GENETIC TOXICITY	The chemical structure does not suggest a specific alert for such an effect. No applicable information available.
CARCINOGENICITY	The chemical structure does not suggest a specific alert for such an effect. No applicable information available.
REPRODUCTIVE TOXICITY	The chemical structure does not suggest a specific alert for such an effect. No applicable information available.
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE	Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATICTOXICITY	There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.
PERSISTENCE & DEGRADABILITY	Poorly biodegradable.
BIOACCUMULATION POTENTIAL	Does not significantly accumulate in organisms.
MOBILITY IN SOILS	Adsorption to solid soil phase is not expected.



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ADDITIONAL INFORMATION

Adsorbable organically-bound halogen (AOX): This product contains no organically-bound halogen.

The product has not been tested. Do not discharge product into the environment without control.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS

Substance Disposal: Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

Container Disposal (Cylinders): Return to the manufacturer with residual pressure. If cylinder is damaged, please contact supplier. Empty cylinders (all sizes) must be depressurized before they are returned to supplier. Depressurization will not relieve all pressure. Always seal cylinder valves for return.

SECTION 14 – TRANSPORT INFORMATION

TRANSPORT INFORMATION

Containers Greater Than 100 cu. Cm. (1 liter)

Ground - UN3500 Chemical Under Pressure n.o.s. (Fluorinated hydrocarbon, nitrogen) 2.2 (Non-Flammable Gas Label)

Air - UN3500 Chemical Under Pressure n.o.s. (Fluorinated hydrocarbon, nitrogen) 2.2 (Non-Flammable Gas Label)

Water - UN3500 Chemical Under Pressure n.o.s. (Fluorinated hydrocarbon, nitrogen) 2.2 (Non-Flammable Gas Label)

SECTION 15 - REGULATIONS

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Acute; Chronic, Sudden release of pressure

TSCA (Toxic Substances Control Act):

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

CA Prop. 65:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.



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State regulations:

State RTK	CAS Number	Chemical name
PA	111-46-6 25265-71-8	diethylene glycol dipropylene glycol

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS January 27, 2021

REPLACES THE MSDS/SDS FROM (new)

PREPARED BY HSE department

GENERAL INFORMATION 1-888-766-2468

WEBSITE www.iko.com

OTHER INFO/DISCLAMERS Read this Safety Data Sheet before handling or disposing of this product.

This product safety information is provided to help our customers with health, safety and/or environmental matters. We have taken reasonable effort to ensure that the test methods and sources for this data are correct and reliable, however, we give no warranty, expressed or implied, regarding its correctness. Since conditions or methods of handling and using this product are beyond our control, we do not assume responsibility and expressly disclaim liability for damages resulting from or connected with the handling, storage, use or disposal of the product.