



SAFETY DATA SHEET 1911

IKOTHERM, IKOTHERM III, IKOTHERM COVERSHIELD, ENERFOIL, ENER-AIR,

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAMES	IKOTerm, IKOTerm III, IKOTerm CoverShield, Enerfoil, Ener-Air
TRADE NAME	Polyisocyanurate Insulation
PRODUCT NUMBERS	418xxxx, 419xxxx, 420xxxx
CHEMICAL FAMILY	Polyisocyanurate foam
FORMULA	Polyisocyanurate Foam with various facers and pentane
PRODUCT USE	Roof and Wall insulation
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 1400–10th Street S.E. High River, AB T1V 2B9 Canada
WEBSITE	www.iko.com
EMERGENCY NUMBER	CHEMTREC: 1-800-424-9300

SECTION 2 – HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

These products are classified as articles as defined by the OSHA Hazard Communication Standard (29CFR 1910.1200) and the Canadian Hazardous Products Act. As manufactured items, they are exempt from the labeling and SDS requirements of the Globally Harmonized System (GHS), OSHA HCS, and WHMIS. Consequently, GHS hazard classifications and labeling elements are not provided.

SIGNAL WORD	Not applicable.
SYMBOL(S)	Not applicable.
CLASSIFICATION	Not applicable.
HAZARD STATEMENTS	Not applicable.
PRECAUTIONARY STATEMENTS	Not applicable.
OTHER HAZARDS	Eye Contact: Solid material or airborne dust may cause eye irritation due to mechanical abrasion. Vapours or fumes generated during thermal processing (such as hot-wire cutting) may also result in temporary eye irritation. Skin Contact: The product is not expected to be irritating to the skin under normal conditions of use. However, mechanical irritation may occur from contact with fibers or dust.



SAFETY DATA SHEET 1911

IKOTHERM, IKOTHERM III, IKOTHERM COVERSIELD, ENERFOIL, ENER-AIR,

Skin Absorption: Absorption through the skin is not expected due to the solid form of the material and its physical properties.

Inhalation: Dust generated from cutting, shaping, or grinding operations may cause irritation of the nose, throat, and upper respiratory tract. Fumes or decomposition products released during thermal processing may also cause respiratory irritation. Exposure to blowing agents, if present, under normal handling conditions is expected to be minimal and below applicable occupational exposure limits.

Ingestion: Ingestion is not a likely route of exposure given the physical form of the product. Swallowing small amounts is expected to have low acute toxicity, but may result in mechanical obstruction or choking hazard.

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

HAZARDOUS CHEMICAL NAME	% (w/w)	CAS NUMBER
Polyisocyanurate Foam	≥85	n/a
Pentane	≤10	109-66-0
Fiberglass	1-5	65997-17-3
Foil Facer	1-5	7429-90-5
Tris(1-chloro-2-propyl) phosphate	1-5	13674-84-5

Note: Products may not include every ingredient listed.

SECTION 4 – FIRST AID

INHALATION	Remove victim to fresh air. Seek medical attention if symptoms persist.
INGESTION	Not expected to be ingested. If ingested: rinse mouth and drink plenty of water. Do not induce vomiting. May cause gastrointestinal irritation. Seek medical attention if symptoms persist.
SKIN CONTACT	Routine first aid treatment for cuts and abrasions from handling. Wash hands with soap and water after handling. Get medical attention if irritation develops or persists.
EYE CONTACT	Flush affected eye in a stream of water for at least 15 minutes. Remove contact lenses, if present and easy to do, prior to rinsing. If eye irritation persists, get medical advice/attention.
ACUTE AND CHRONIC SYMPTOMS	Direct contact with dust may cause mechanical irritation to the eyes, skin, and respiratory tract. May cause an allergic skin reaction. Inhalation of dust may cause allergic respiratory responses, including asthma-like symptoms or breathing difficulties in sensitized individuals.



SAFETY DATA SHEET 1911

IKOTHERM, IKOTHERM III, IKOTHERM COVERSIELD, ENERFOIL, ENER-AIR,

MEDICAL ATTENTION

No information available.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray, dry chemical, or carbon dioxide.

HAZARDOUS COMBUSTION
PRODUCTS

Combustion products may include and are not limited to: Nitrogen oxides. Combustion products may include trace amounts of: Hydrogen cyanide. Hydrogen Halides. Aromatic hydrocarbons.

RECOMMENDED FIRE
FIGHTING PROCEDURES

Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved.

FLASH POINT

Not applicable.

FLAMMABLE
LIMITS IN AIR

Not applicable.

AUTO IGNITION
TEMPERATURE

Not applicable.

SPECIAL PPE FOR
FIRE-FIGHTERS

Wear full protective fire fighting gear including NIOSH approved self-contained breathing equipment when exposed to product flames or fire, as product will emit irritating and potentially toxic fumes on thermal degradation.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS,
PROTECTIVE MEASURES
AND
EMERGENCY PROCEDURES

Avoid dust generation. Do not dry sweep or use compressed air for cleaning dust. Use vacuum or wet sweeping methods. Use personal protective equipment described in section 8, Exposure Control and Personal Protection.

ENVIRONMENTAL
PRECAUTIONS

No information available.

SPILL MANAGEMENT

Normal housekeeping measures. Pick up large pieces and dispose of in accordance with Local, State, Federal and Provincial regulations.

SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE

When handling the material, wear the appropriate personal protective equipment described in section 8, Exposure Control and Personal Protection.



SAFETY DATA SHEET 1911

IKOTHERM, IKOTHERM III, IKOTHERM COVERSHIELD, ENERFOIL, ENER-AIR,

STORAGE PRECAUTIONS Store in a dry location protected from the elements, high temperature and flames/sparks.

OTHER PRECAUTIONS Comply with local safety standards and codes for roof work. Always use Fall Protection Systems when working on roofs. Do not walk on material that has not been securely fastened to the roof deck.

Alberta

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS				
	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Polyisocyanurate Foam (Total Dust)	TWA : 10 mg/m ³	TWA : 10 mg/m ³	TWA : 10 mg/m ³	TWA : 15 mg/m ³	TWA : 10 mg/m ³
Pentane	TWA : 600 ppm	TWA : 600 ppm	TWA : 1000 ppm	TWA : 1000 ppm	TWA : 600 ppm
Fiberglass	TWA : 1 f/cc	TWA : 1 f/cc	TWA : 1 f/cc	No information available	TWA : 1 f/cc

ENGINEERING MEASURES Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION Not required under normal conditions of use, except during cutting of product. Wear NIOSH approved respiratory protection if irritation occurs or exposure limit is exceeded.

SKIN AND BODY PROTECTION Minimize skin contact. Protective gloves may be used when handling material. If excessive dust is generated during cutting, wear long-sleeved clothing, long pants and gloves to reduce irritation.

EYE PROTECTION Not required under normal conditions of use, except during cutting of product. Wear safety glasses or safety goggles if irritation occurs or exposure limit is exceeded.

HYGIENE MEASURES Wash hands with soap after handling.

OTHER CONTROLS If contact is unavoidable, wear all necessary protective gear.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.) White or cream coloured with fiberglass felt, aluminum foil or coated glass mat facing.

ODOR No odor.

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ODOR THRESHOLD	Not applicable.
PH	No information available.
MELTING POINT/FREEZING POINT	No information available.
INITIAL BOILING POINT AND BOILING RANGE	Not applicable.
FLASH POINT	Not applicable.
EVAPORATION RATE	Not applicable.
FLAMMABILITY	Not flammable.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Not applicable.
VAPOR PRESSURE	Not applicable.
VAPOR DENSITY	No information available.
MOLECULAR WEIGHT	No information available.
SOLUBILITY(IES)	Insoluble.
PARTITION COEFFICIENT: N-OCTANOL/WATER	No information available.
AUTO-IGNITION TEMPERATURE	No information available.
SPECIFIC GRAVITY	No information available.
VISCOSITY	No information available.

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:

CHEMICAL STABILITY	Stable at ambient temperatures.
POSSIBILITY OF HAZARDOUS REACTIONS	No information available.
CONDITIONS TO AVOID	Avoid sparks, flames or excessive heat.



SAFETY DATA SHEET 1911

IKOTHERM, IKOTHERM III, IKOTHERM COVERSHIELD, ENERFOIL, ENER-AIR,

INCOMPATIBLE MATERIALS	Acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethylene dichloride, dimethyl sulfoxide, and dimethyl formaldehyde, Avoid contact with strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS	CO _x , smoke, some HCN possible under certain conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY	None known.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	No information available.
PRIMARY ROUTE OF EXPOSURE	Inhalation
HEALTH EFFECTS:	
EYES	Dust may cause mechanical eye irritation and redness.
SKIN	Frequent or prolonged contact may cause skin irritation.
INHALATION	Dust inhalation may cause respiratory irritation.
INGESTION	Ingestion is unlikely. If ingested, may cause irritation of the digestive tract.
STOT (SPECIFIC TARGET ORGAN TOXICITY)-SINGLE EXPOSURE	No information available.
STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE	No information available.
CARCINOGENICITY	No information available
REPRODUCTIVE TOXICITY:	
DEVELOPMENT OF OFFSPRING	No information available.
SEXUAL FUNCTION AND FERTILITY	No information available.
GERM CELL MUTAGENICITY	No information available.



SAFETY DATA SHEET 1911

IKOTHERM, IKOTHERM III, IKOTHERM COVERSIELD, ENERFOIL, ENER-AIR,

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY No information available.

PERSISTENCE &
DEGRADABILITY No information available.

BIODEGRADATION MOBILITY No information available.

BIOACCUMULATION
POTENTIAL No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL
RECOMMENDATIONS Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14 – TRANSPORT INFORMATION

No information available.

SECTION 15 - REGULATIONS

No information available.

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS July 16, 2026

REPLACES THE MSDS/SDS October 23, 2019

FROM
PREPARED BY C&C Department

GENERAL INFORMATION 1-888-766-2468

WEBSITE www.iko.com

OTHER INFO/DISCLAIMERS 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



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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.

NOTE: Under government regulations, an SDS is not required for this material; it is an end use product.