

# MATERIAL SAFETY DATA SHEET

## MSDS # 1511 IKOTHERM, IKOTHERM III, ENERFOIL, ENER-AIR, IKOTHERM COVERSHIELD

**IMPORTANT:** Read this MSDS 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 disposal of the product.

### SECTION 1 PRODUCT AND MANUFACTURER'S INFORMATION

*Manufacturer/Supplier's Name:* CanRoof Corporation Inc.  
*Address:* 309 Rutherford Road S.,  
Brampton, Ontario  
L6W 3R5  
*Emergency Phone:* (905) 457-2880 – EXT. 3354  
*Product Name:* IKOTerm, IKOTerm III, Enerfoil, Ener-Air, IKOTerm CoverShield  
*Chemical Name:* Polyisocyanurate Foam  
*Trade Name:* Polyisocyanurate Insulation  
*Chemical Family:* Foamed Plastic  
*Formula:* Polyisocyanurate foam with various facers and n-pentane

### SECTION 2 PREPARATION INFORMATION

*Prepared/Reviewed By:* HSE Department  
*Phone Number:* (905) 457-2880 - Ext. 3354  
*Date:* January 13, 2016

### SECTION 3 HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS #	% Wt (approx.)
Polyisocyanurate Foam	None	10-90
Pentane	109-66-0	2-10
Fiberglass	65997-17-3	0-1

### SECTION 4 PHYSICAL DATA

*Boiling Point:* NA  
*Specific Gravity:* ND  
*Vapour Pressure:* NA  
*Solubility In Water:* Insoluble  
*Appearance:* White or cream coloured with black fiberglass-felt, brown reinforced felt,  
aluminum foil  
or coated glass mat facing  
*Odor:* No odor

### SECTION 5 FIRE AND EXPLOSION DATA

*Flash Point:* NA  
*Flammable Limits:* NA  
*Extinguishing Media:* CO<sub>2</sub>, Dry Chemical, Water Spray  
*Special Procedures:* Self-contained breathing apparatus

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### SECTION 6 TOXICOLOGICAL PROPERTIES

<i>Exposure Limits:</i>	Polyisocyanurate Foam: 15 mg/m <sup>3</sup> (OSHA PEL) 10 mg/m <sup>3</sup> (ACGIH TLV)
	Pentane: 1000ppm (OSHA PEL) 600ppm (ACGIH TLV)
	Fibrous Glass: 5 mg/m <sup>3</sup> (OSHA PEL) 10 mg/m <sup>3</sup> (ACGIH TLV)
	Carbon Black: 3.5 mg/m <sup>3</sup> (OSHA PEL) 3.5 mg/m <sup>3</sup> (ACGIH TLV)
<i>Primary Route of Exposure:</i>	Inhalation, skin contact
<i>Exposure Effects:</i>	Mechanical irritation of the mouth, nose, eyes and throat. Respiratory tract irritation.

### SECTION 7 REACTIVITY DATA

<i>Stability:</i>	Stable
<i>Polymerization:</i>	Will not occur
<i>Materials to Avoid:</i>	Acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethylene dichloride, dimethyl sulfoxide, and dimethyl formaldehyde.
<i>Hazardous Decomposition Products:</i>	Primarily CO, CO <sub>2</sub> . Some HCN possible under certain conditions.

### SECTION 8 PREVENTIVE MEASURES

<i>Spill Procedure:</i>	NA
<i>Disposal Procedure:</i>	Follow federal, provincial/state, and municipal laws and regulations
<i>Ventilation:</i>	Ambient
<i>Respiratory:</i>	If irritation occurs or exposure limit is exceeded, use a respirator for protection against nuisance dusts.
<i>Protective Clothing:</i>	If excessive dust is generated during cutting operations, wear long-sleeved, loose-fitting clothing, long pants and gloves, to reduce irritation.

### SECTION 9 FIRST AID PROCEDURES

No special practices required.

### SECTION 10 OTHER

This product will burn and should not be left exposed to flames. Under certain fire conditions, combustible gases can be generated, creating rapidly spreading, high intensity flames and dense, black smoke.