



## SAFETY DATA SHEET 1177

### IKO MODIFIED VAPOUR RETARDER

#### SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	IKO Modified Vapour Retarder
TRADE NAME	Vapour retarder
PRODUCT NUMBER	1300059
CHEMICAL FAMILY	Mixture
FORMULA	Kraft paper laminated with asphalt and fiberglass reinforcement.
PRODUCT USE	Vapour barrier
MANUFACTURER/SUPPLIER	BramCal Production Ltd. 305 Rutherford Road Brampton, Ontario L6W 3R5
WEBSITE	<a href="http://www.iko.com">www.iko.com</a>
EMERGENCY NUMBER	CANUTEC: 1-613-996-6666 (24 hours information only)

#### SECTION 2 – HAZARD IDENTIFICATION

##### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

The products listed above are considered end-use or manufactured articles, and are not included in the scope of WHMIS 2015 and Globally Harmonization System (GHS). As such, the GHS/WHMIS labeling elements and classification are not included on this SDS.

SIGNAL WORD	Not applicable.
SYMBOL(S)	Not applicable.
CLASSIFICATION	Not applicable.
HAZARD STATEMENTS	None.
PRECAUTIONARY STATEMENTS	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves, protective clothing, and eye protection. P308+P313 If exposed or concerned: Get medical advice/attention. P501 Dispose of contents/container in accordance with local, regional, national, provincial, territorial, and international regulations.
NFPA	No information available.
HMIS	No information available.



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#### SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

HAZARDOUS CHEMICAL NAME	%	CAS NUMBER
Kraft paper	50-80	N/A
Asphalt (Bitumen)	20-50	64742-93-4
Continuous Filament Fiberglass Reinforcing Yarn (non-respirable)	< 3	65997-17-3

#### SECTION 4 – FIRST AID

INHALATION	First air is not anticipated.
INGESTION	First air is not anticipated.
SKIN CONTACT	First air is not anticipated.
EYE CONTACT	First air is not anticipated.
ACUTE AND CHRONIC SYMPTOMS	Refer to section 11 for additional information.
MEDICAL ATTENTION	No information available.

#### SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Carbon dioxide, foam, water, or dry chemical.
FIRE FIGHTING	The asphalt-laminated paper requires that this product be treated as a fuel oil fire.
FLAMMABILITY	Not flammable.
PROPERTIES:	
FLASH POINT	> 450°F
FLAMMABLE LIMITS IN AIR	No information available.
AUTO IGNITION TEMPERATURE	> 450°F
SPECIAL PPE FOR FIRE-FIGHTERS	No information available.



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#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES**      Ensure adequate ventilation. 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**      This product, under normal use conditions, is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical. Use personal protective equipment in section 8, Exposure control and Personal Protection.

**STORAGE PRECAUTIONS**      Do not store near an open flame. Store in a dry location protected from the elements, high temperature, and flames/sparks.

#### SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS				
	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Kraft paper	No information available.				
Asphalt (Bitumen) Fumes	TWA : 5.0 mg/m <sup>3</sup>	TWA : 0.5 mg/m <sup>3</sup>	TWA : 0.5 mg/m <sup>3</sup>	TWA : 5.0 mg/m <sup>3</sup>	TWA : 0.5 mg/m <sup>3</sup>
Continuous Filament Fiberglass Reinforcing Yarn (non-respirable)	No information available.				

**ENGINEERING MEASURES**      No engineering controls are necessary. This product is considered to be an article, which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

#### PERSONAL PROTECTIVE EQUIPMENT:

**RESPIRATORY PROTECTION**      Under normal use this product cannot be inhaled. If used in a way that creates dust, wear NIOSH approved respiratory device.

**SKIN AND BODY PROTECTION**      Minimize skin contact. Protective gloves may be used when handling material.



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- EYE PROTECTION Under normal use conditions, not required. Use safety glasses if necessary.
- 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.)	Brown to black colored paper.
ODOR	Asphalt odor
ODOR THRESHOLD	No information available.
PH	No information available.
MELTING POINT/FREEZING POINT	No information available.
INITIAL BOILING POINT AND BOILING RANGE	No information available.
FLASH POINT	> 450°F
EVAPORATION RATE	No information available.
FLAMMABILITY	Not flammable.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	No information available.
VAPOR PRESSURE	No information available.
VAPOR DENSITY	No information available.
MOLECULAR WEIGHT	No information available.
SOLUBILITY(IES)	Negligible
PARTITION COEFFICIENT: N-OCTANOL/WATER	No information available
AUTO-IGNITION TEMPERATURE	> 450°F
SPECIFIC GRAVITY	> 1
VISCOSITY	No information available.



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#### SECTION 10 – STABILITY AND REACTIVITY

##### REACTIVITY:

CHEMICAL STABILITY	Stable under normal conditions of use.
POSSIBILITY OF HAZARDOUS REACTIONS	Not anticipated under normal use.
CONDITIONS TO AVOID	Excessive heat, sparks, and flames.
INCOMPATIBLE MATERIALS	None known.
HAZARDOUS DECOMPOSITION PRODUCTS	May produce carbon monoxide and hydrogen sulfide fumes.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY	This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	No information available.
PRIMARY ROUTE OF EXPOSURE	No information available.
HEALTH EFFECTS:	
EYES	No information available.
SKIN	No information available.
INHALATION	No information available.
INGESTION	No information available.
STOT (SPECIFIC TARGET ORGAN TOXICITY)- SINGLE EXPOSURE	No information available.
STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE	No information available.
CARCINOGENICITY	Under normal conditions of use, none of the ingredients present in this product are carcinogenic.



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#### REPRODUCTIVE TOXICITY:

DEVELOPMENT OF OFFSPRING No information available.

SEXUAL FUNCTION AND FERTILITY No information available.

GERM CELL MUTAGENICITY No information available.

#### 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 Dispose in accordance with applicable federal, state, and local government regulations.

#### SECTION 14 – TRANSPORT INFORMATION

HAZARDOUS MATERIAL PROPER SHIPPING NAME Not regulated

SPECIAL HANDLING OR SHIPPING PRECAUTIONS None required

HAZARD CLASS Non-hazardous

UN IDENTIFICATION NUMBER None

#### SECTION 15 - REGULATIONS

SARA 313 REGULATED CHEMICALS This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

INGREDIENT(S) – STATE REGULATIONS Asphalt



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#### SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS	January 23, 2018
REPLACES THE MSDS/SDS FROM	June 30, 2017
PREPARED BY	HSE department
GENERAL INFORMATION	1-888-766-2468
WEBSITE	<a href="http://www.iko.com">www.iko.com</a>
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.

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