



SAFETY DATA SHEET 1255

IKO MOD-BIT PRIMER

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	IKO Mod-Bit Primer
TRADE NAME	Modified Bitumen Primer
PRODUCT NUMBER	7870010
CHEMICAL FAMILY	Mixture
PRODUCT USE	Membrane primer
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 71 Orenda Road Brampton, Ontario L6W 1V8
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 DANGER

SYMBOL(S)



CLASSIFICATION

Carcinogenicity — Category 2
Flammable Liquids — Category 2
Skin Irritation — Category 2
Reproductive Toxicity — Category 2
Specific Target Organ Toxicity – Repeated Exposure – Category 2
(central nervous system)
Specific Target Organ Toxicity – Single Exposure – Category 3
(narcotic effects)

HAZARD STATEMENTS

H225 Highly flammable liquid and vapour
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs (central nervous system) through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and



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understood.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, lighting equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharge.

P261 Avoid breathing fume/mist/vapours/spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash before reuse.

P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal plant.

NFPA No information available.

HMIS No information available.

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

HAZARDOUS CHEMICAL NAME	% (w/w)	CAS NUMBER
Toluene	40-45	108-88-3
Asphalt (Bitumen)	22-26	8052-42-4
Hexane	20-25	110-54-3
Stoddard Solvent	9-11	8052-41-3

SECTION 4 – FIRST AID

INHALATION If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

INGESTION Rinse mouth and then drink plenty of water. Do not induce vomiting. Get medical aid.



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SKIN CONTACT	Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.
EYE CONTACT	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
ACUTE AND CHRONIC SYMPTOMS	Refer to section 11, Toxicological Information, for additional information.
MEDICAL ATTENTION	If exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved. Show this safety data sheet to the doctor in attendance.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Foam, Carbon dioxide, Dry chemical. Do not use water jet as an extinguisher, as this will spread the fire.
FIRE FIGHTING	Materials can be slippery when wet. Cool closed containers exposed to fire with water spray. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back. Contaminated extinguishing water must be disposed of in accordance with official regulations. During fire, gases hazardous to health may be formed.
FLAMMABILITY	Flammable
PROPERTIES:	
FLASH POINT	-26°C (CC)
FLAMMABLE LIMITS IN AIR	Lower flammability limit (% vol): 1 Upper flammability limit (% vol): 7
AUTO IGNITION TEMPERATURE	> 200°C
SPECIAL PPE FOR FIRE-FIGHTERS	Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES	Use personal protective clothing described in section 8, Exposure Controls and Personal Protection. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Eliminate all sources of ignition. Ensure adequate ventilation. Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Ensure clean-up is conducted by trained personnel only. Local authorities should be advised if significant spillages cannot be
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contained.

ENVIRONMENTAL PRECAUTIONS

Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.

SPILL MANAGEMENT

Stop leak. Dike and contain spill. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into container. Non-sparking tools should be used. Do not use combustible absorbents, such as sawdust. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas. Never return spills to original containers for re-use. For waste disposal, see section 13, Disposal Considerations.

SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact during pregnancy/while nursing. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with skin and eyes. Use only with adequate ventilation. Wear appropriate personal protective equipment described in section 8, Exposure Controls and Personal Protection. When using product, do not eat, drink or smoke. Keep container closed when not in use. Containers should be grounded when being emptied.

STORAGE PRECAUTIONS

Keep in a dry, cool and well-ventilated place. Take measures to prevent the build-up of electrostatic charge. Keep product and empty container away from heat and sources of ignition. Keep away from oxidizing agents.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS				
	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Toluene	TWA : 50 ppm	TWA : 20 ppm	TWA : 20 ppm	TWA : 200 ppm STEL : 300 ppm	TWA : 50 ppm



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Asphalt (Bitumen) Fumes	TWA : 5.0 mg/m ³	TWA : 0.5 mg/m ³	TWA : 0.5 mg/m ³	TWA : 5.0 mg/m ³	TWA : 0.5 mg/m ³
Hexane	TWA : 50 ppm	TWA : 50 ppm	TWA : 20 ppm	TWA : 50 ppm	TWA : 50 ppm
OCCUPATIONAL EXPOSURE LIMITS					
CHEMICAL NAME	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Stoddard Solvent	TWA : 100 ppm	TWA : 100 ppm	TWA : 290 mg/m ³ STEL : 580 mg/m ³	TWA : 500 ppm	TWA : 100 ppm

ENGINEERING MEASURES Ventilation: use local exhaust as required to maintain exposures as far as possible below applicable occupational exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION If using in poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure.

SKIN AND BODY PROTECTION Wear clean long legged, long sleeved work clothes. Neoprene gloves. Nitrile rubber.

EYE PROTECTION Goggles. Wear face shield if splashing hazard exists.

HYGIENE MEASURES Handle in accordance with good industrial hygiene and safety practices. Remove soiled clothing and wash it thoroughly before reuse. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.

OTHER CONTROLS No information available.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Black liquid
ODOR	Solvent odor
ODOR THRESHOLD	No information available.
PH	No information available.
MELTING POINT/FREEZING POINT	No information available.
INITIAL BOILING POINT AND BOILING RANGE	69°C
FLASH POINT	-26°C (CC)



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EVAPORATION RATE	2-6
FLAMMABILITY	Flammable
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower flammability limit (% vol): 1 Upper flammability limit (% vol): 7
VAPOR PRESSURE	> 120 mm Hg (Hexane)
VAPOR DENSITY	2.8-3.1 (air=1)
MOLECULAR WEIGHT	No information available.
SOLUBILITY(IES)	Insoluble in water. No information available for solubility in other solvents.
PARTITION COEFFICIENT: N- OCTANOL/WATER	No information available.
AUTO-IGNITION TEMPERATURE	> 200°C
SPECIFIC GRAVITY	0.85
VISCOSITY	No information available.
VOC Content	545 g/L
Percent Volatile	65 %

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:

CHEMICAL STABILITY	The product is stable if stored and handled as prescribed/indicated.
POSSIBILITY OF HAZARDOUS REACTIONS	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
CONDITIONS TO AVOID	Exposure to air or moisture over prolonged periods. Prolonged heat/light/air exposure.
INCOMPATIBLE MATERIALS	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	No hazardous decomposition products if stored and handled as prescribed/indicated. Toxic gases/fumes may be given off during burning or thermal decomposition.



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SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY

WARNING: This product may contain Asphalt. IARC concludes that Asphalt is possibly carcinogenic to humans. IARC classification: Group 2B

INGREDIENTS	LC50	LD50
Toluene	30.1 mg/l (Inhalation, rat, 4H)	5,580 mg/kg (oral, rat); 12,125 mg/kg (dermal, rabbit)
Asphalt (Bitumen)	No information available	>5,000 mg/kg (oral-rat); >2,000
Hexane	172.8 mg/l (Inhalation-rat, 4H)	25,000 mg/kg (oral-rat); 3,000 mg/kg (dermal-rabbit)
Stoddard Solvent	>5.0 mg/l (Inhalation-rat, 4H)	>5,000 mg/kg (oral-rat); >2,000 mg/kg (dermal-rabbit)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

No information available.

PRIMARY ROUTE OF EXPOSURE

Inhalation

HEALTH EFFECTS:

EYES Contact may cause eye irritation.

SKIN Contact may cause skin irritation.

INHALATION High concentrations of vapors may be irritating to the respiratory tract. May cause headaches, dizziness, nausea and vomiting.

INGESTION Ingestion of this product may cause nausea, vomiting and diarrhea.

STOT (SPECIFIC TARGET ORGAN TOXICITY)- SINGLE EXPOSURE

Inhalation may cause narcosis.

STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE

Repeated oral exposure may affect certain organs. Prolonged inhalation may be harmful. Repeated chronic exposure to organic solvents such as Toluene has been associated with various neurotoxic effects including permanent brain and nervous system damage.

CARCINOGENICITY

Asphalt is listed as IARC Group 2B (possibly carcinogenic to humans).



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REPRODUCTIVE TOXICITY:

DEVELOPMENT OF OFFSPRING Possible risk of harm to the unborn child.

SEXUAL FUNCTION AND FERTILITY May cause adverse reproductive effects.

GERM CELL MUTAGENICITY None expected

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY May cause long-term adverse effects in the aquatic environment.

PERSISTENCE & DEGRADABILITY The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

BIODEGRADATION MOBILITY No information available.

BIOACCUMULATION POTENTIAL No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS Dispose of in accordance with national, state and local regulations. For the container dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14 – TRANSPORT INFORMATION

TDG CLASSIFICATION: UN1133, Adhesive, Class 3, PGII

SECTION 15 - REGULATIONS

WHMIS REGULATORY STATUS This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). This product is WHMIS 2015 controlled.

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS January 23, 2018



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REPLACES THE MSDS/SDS
FROM

June 30, 2017

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.