



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 WARNING

SYMBOL(S)



CLASSIFICATION Flammable Liquids — Category 3
Skin Irritation — Category 2
Carcinogenicity — Category 2
Specific Target Organ Toxicity - Single Exposure - Category 3 (narcotic effects).

HAZARD STATEMENTS H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

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



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P242 Use non-sparking tools.
 P243 Take action to prevent static discharge.
 P261 Avoid breathing dust/fume/mist/vapours/spray.
 P264 Wash hands 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): Remove/Take off immediately all contaminated clothing. Rinse skin with water/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 chemical, alcohol foam, carbon dioxide or water spray to extinguish.
 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
Light aromatic solvent naphtha, petroleum	30-60	64742-95-6
Asphalt	15-40	8052-42-4
Stoddard Solvent	10-30	8052-41-3

[The exact concentration of composition has been withheld as a trade secret]

SECTION 4 – FIRST AID

INHALATION Remove to fresh air. If irritation persists, consult a physician. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical aid as soon as possible.

INGESTION Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid. Never give anything by mouth to an unconscious person.

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 Promptly flush with large amounts of cold water for at least 15 minutes. If irritation persists, consult a physician.



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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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use dry chemical, alcohol foam, carbon dioxide or water spray to extinguish. Do not use water jet as an extinguisher, as this will spread the fire.

FIRE FIGHTING

Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.

Vapors are heavier than air and may flow along surfaces to remote ignition sources and flashback.

During fire, gases hazardous to health may be formed. Hazardous combustion products include carbon monoxide, carbon dioxide and hydrocarbons.

Expected to be sensitive to static discharge. Take precautionary measures against static discharge. Product is not sensitive to mechanical impact.

FLAMMABILITY

Flammable

PROPERTIES:

FLASH POINT 40.5°C (CC)

FLAMMABLE LIMITS IN AIR Lower Flammability Limit (% vol): 0.9
Upper Flammability Limit (% vol): 6

AUTO IGNITION TEMPERATURE 232°C

SPECIAL PPE FOR FIREFIGHTERS Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.



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SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES

Use personal protective clothing. Eliminate all sources of ignition. Ventilate area if indoors. Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Ensure cleanup is conducted by trained personnel only. Local authorities should be advised if significant spillages cannot be contained.

ENVIRONMENTAL PRECAUTIONS

Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Prevent further leakage or spillage if safe to do so.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal. Flush with water. Do not flush into surface water or sanitary sewer system. Non-sparking tools should be used. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Contaminated absorbent material may pose the same hazards as the spilled product. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded. For waste disposal, see section 13 of the SDS.

SECTION 7 - HANDLING AND STORAGE

HANDLING PRECAUTIONS

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Use only non-sparking tools. Wear appropriate personal protective equipment. Do not get in eyes, on skin or on clothing. Avoid inhalation of mists/vapours/fumes. Wash thoroughly after handling. Keep container tightly closed.

STORAGE NEEDS

Keep in a dry, cool and well-ventilated place. Keep containers from excessive heat and freezing.

MATERIALS TO AVOID

Keep away from oxidizing agents.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS (TWA)						
CHEMICAL NAME	ALBERTA	BRITISH COLUMBIA	ONTARIO	OSHA PEL	ACGIH TLV	NIOSH REL
Light aromatic solvent naphtha, petroleum	Not information available					
Asphalt	5 mg/m ³	0.5 mg/m ³	0.5 mg/m ³	Not available	0.5 mg/m ³	Not available



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OCCUPATIONAL EXPOSURE LIMITS (TWA)						
CHEMICAL NAME	ALBERTA	BRITISH COLUMBIA	ONTARIO	OSHA PEL	ACGIH TLV	NIOSH REL
Stoddard Solvent	100 ppm	TWA 290 mg/m ³ STEL 580 mg/m ³	100 ppm	500 ppm	100 ppm	Not Available

ENGINEERING CONTROLS Good general ventilation (typically 10 air changes per hour) should be used. Have eye wash bottle or eye rinse ready at the work place.

INDIVIDUAL PROTECTION MEASURES

EYE Safety glasses with side-shields

CLOTHING Wear clean long legged, long sleeved work clothes.

GLOVES Wear chemical protective gloves made of nitrile or neoprene.

FOOTWEAR Suitable protective footwear.

RESPIRATORY Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

HYGIENE MEASURES Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke during work. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Black liquid
ODOR	Solvent odor
ODOR THRESHOLD	Not available
PH	Not applicable
MELTING POINT/FREEZING POINT	Not available
INITIAL BOILING POINT AND BOILING RANGE	157°C
FLASH POINT	40.5°C (CC)
EVAPORATION RATE	Not available.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower flammability limit (% vol): 0.9 Upper flammability limit (% vol): 6



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VAPOR PRESSURE	2 mm Hg
VAPOR DENSITY	Not available.
SPECIFIC GRAVITY	0.908
SOLUBILITY(IES)	Insoluble in water. No information available for solubility in other solvents.
PARTITION COEFFICIENT: N-OCTANOL/WATER	No information available.
AUTO-IGNITION TEMPERATURE	232°C
VISCOSITY	No information available.
VOC Content	545 g/L

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 Keep away from heat. Keep away from sources of ignition. Keep away from incompatibles such as oxidizing agents.

INCOMPATIBLE MATERIALS Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon (CO and CO₂), fumes and smoke may be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Light aromatic solvent naphtha, petroleum	>76.3 mg/l (inhalation-rat, 4H)	>5,000 mg/kg (oral-rat); >2,000 mg/kg (dermal rabbit)
Asphalt	No information available	>5,000 mg/kg (oral-rat); >2,000 mg/kg (dermal rabbit)
Stoddard Solvent	>5.0 mg/l (Inhalation-rat, 4H mist)	>5,000 mg/kg (oral-rat); >2,000 mg/kg (dermal rabbit)



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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.

ACUTE EFFECTS:

ACUTE ORAL TOXICITY Acute toxicity estimate > 2,000 mg/kg. Virtually non-toxic after a single ingestion. Method: calculation method.

ACUTE DERMAL TOXICITY LD50 (Rabbit) : > 2,000 mg/kg. Virtually non-toxic after a single skin contact. Method: calculation method.

ACUTE INHALATION TOXICITY Acute toxicity estimate : > 20 mg/l. Exposure time: 4 h. Virtually non-toxic by inhalation. Method: calculation method.

SKIN CORROSION/IRRITATION Result: moderate skin irritation

SERIOUS EYE DAMAGE/
EYE IRRITATION Result: mild eye irritation

RESPIRATORY OR SKIN
SENSITIZATION Non-sensitizing

SPECIFIC TARGET
ORGAN TOXICITY (STOT)
SINGLE EXPOSURE Inhalation may cause narcosis.

ASPIRATION HAZARD None expected

CHRONIC TOXICITY/EFFECTS:

SPECIFIC TARGET
ORGAN TOXICITY (STOT)
REPEATED EXPOSURE No known significant effects or critical hazards.

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

REPRODUCTIVE TOXICITY No known significant effects or critical hazards.

GERM CELL MUTAGENICITY No known significant effects or critical hazards.



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REMARKS

The product has not been tested. The statement has been derived from the properties of the individual components.

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.
MOBILITY IN SOIL	No information available.
BIOACCUMULATION POTENTIAL	No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	The disposal of the product must be made in an approved sanitary landfill or in a foundry in accordance with state, provincial and/or federal regulations.
CONTAINER DISPOSAL	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: UN1999, Tars, Liquid, Class 3, PGIII .

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.
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SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS	June 28 2024
REPLACES THE MSDS/SDS FROM	May 24, 2019



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PREPARED BY	Research 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.