



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	IKO Standard Asphalt Primer
TRADE NAME	Asphalt Primer
PRODUCT NUMBER	7870013
CHEMICAL FAMILY	Mixture
PRODUCT USE	Membrane primer
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 87 Orenda Road Brampton, Ontario L6W 1V7
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

Carcinogenicity — Category 2.
Flammable Liquids — Category 3.
Skin Irritation — 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.



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

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.
P302+P352 IF ON SKIN: Wash with plenty of soap and water
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
Asphalt (Bitumen)	55-70	8052-42-4
Stoddard Solvent	30-40	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. Seek medical attention if necessary.

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.



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

MEDICAL ATTENTION

If you feel unwell, seek medical attention. If possible, show this SDS to doctor in attendance. No hazards which require special first aid measures.

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

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. Cool closed containers exposed to fire with water spray. Material can be slippery when wet.

FLAMMABILITY

Combustible.

PROPERTIES:

FLASH POINT 47°C (CC)

FLAMMABLE LIMITS IN AIR Lower flammability limit (% vol): 1
Upper flammability limit (% vol): 7

AUTO IGNITION > 200°C
TEMPERATURE

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 Control 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 contained.

ENVIRONMENTAL PRECAUTIONS

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.

SPILL MANAGEMENT

Stop leak. Dike and contain spill. Cover with plastic sheet to prevent spreading. Prevent entry into waterways, sewer, basements or



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

confined areas. Absorb in vermiculite, dry sand or earth and place into container. Do not use combustible absorbents, such as sawdust. Non-sparking tools should be used. 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. 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. 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. When using, 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
Asphalt	TWA : 5 mg/m ³	TWA : 0.5 mg/m ³	TWA : 0.5 mg/m ³	No information available.	TWA : 0.5 mg/m ³
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 Good general ventilation should be used.

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. Wear chemical protective gloves made of nitrile or neoprene.

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



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

HYGIENE MEASURES Handle in accordance with good industrial hygiene and safety practice. Remove soiled clothing and wash it thoroughly before reuse. Do not eat, drink, smoke or use cosmetics while working with this product. 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.)	Thick 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	149°C
FLASH POINT	47°C (CC)
EVAPORATION RATE	No information available.
FLAMMABILITY	No information available.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower flammability limit (% vol): 1 Upper flammability limit (% vol): 7
VAPOR PRESSURE	2 mm Hg
VAPOR DENSITY	No information available.
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	0.87-0.91



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

VISCOSITY No information available.
PERCENT VOLATILITY 40-80 %

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

ACUTE/CHRONIC TOXICITY The product has not been tested. The statement has been derived from the properties of the individual components.

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

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

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

ACUTE INHALATION TOXICITY: Acute toxicity estimate > 5 mg/l. Test atmosphere: dust/mist. Exposure time: 4 h. Virtually nontoxic by inhalation. Method: calculation method.



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

Ingredients	LC50	LD50
Asphalt (Bitumen)	No information available.	>5,000 mg/kg (oral-rat); >2,000 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

No known significant effects or critical hazards.

CARCINOGENICITY

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

REPRODUCTIVE TOXICITY:

DEVELOPMENT OF OFFSPRING

No information available.

SEXUAL FUNCTION AND FERTILITY

No information available.

GERM CELL MUTAGENICITY

No information available.



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

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 containers 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, Tars, Liquids, 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
REPLACES THE MSDS/SDS FROM	June 30, 2017
PREPARED BY	HSE department
GENERAL INFORMATION	1-888-766-2468
WEBSITE	www.iko.com



SAFETY DATA SHEET 1258

IKO STANDARD ASPHALT PRIMER

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 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.