SAFETY DATA SHEET 1256

IKO SPRAY PRIMER

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	IKO Spray Primer
TRADE NAME	Asphalt based primer
PRODUCT NUMBER	7870011
CHEMICAL FAMILY	Mixture
PRODUCT USE	Primer for wood, concrete, metal, asphalt and gypsum
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 1.
Flammable Aerosols — Category 1.
Gases Under Pressure, Liquefied Gas, Simple Asphyxiants — Category 1.
Germ Cell Mutagenicity — 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:
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H341 Suspected of causing genetic defects.
H350 May cause 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 understood. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. 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. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F. 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	50-55	108-88-3
Propane	16.5-18	74-98-6
Asphalt (Bitumen)	15-18	8052-42-4
Isobutane	7-8	75-28-5
Trichloroethylene	6-7	79-01-6

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.
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	Use dry chemical, foam, carbon dioxide or water spray to extinguish. Do not use water jet as an extinguisher, as this will spread the fire.
FIRE FIGHTING	Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated. Take precautionary measures against static discharge. EXTREMELY FLAMMABLE. Closed containers may explode when exposed to extreme heat. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back. . During fire, gases hazardous to health may be formed.
FLAMMABILITY	Extremely flammable
PROPERTIES:	
FLASH POINT	-96ºC
FLAMMABLE LIMITS IN AIR	Upper flammability limit (% vol): 8.4 Lower flammability limit (% vol): 3.9
AUTO IGNITION TEMPERATURE	No information available.
SPECIAL PPE FOR FIRE-FIGHTERS	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES	Use personal protective equipment described in section 8, Exposure Control and Personal Protection. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. 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	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. 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. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. 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. When using, do not eat, drink or smoke. Keep container closed when not in use.
STORAGE PRECAUTIONS	Keep in a dry, cool and well-ventilated place. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Keep away from heat, sparks, flame and sources of ignition. Keep away from oxidizing agents.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

	OCCUPATIONAL EXPOSURE LIMITS				
CHEMICAL NAME	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
Propane	TWA : 1,000 ppm	TWA : 1,000 ppm	TWA : 1,000 ppm	TWA : 1,000 ppm STEL : 1,800 ppm	TWA : 1,000 ppm
Asphalt (Bitumen) Fumes	TWA : 5 mg/m^3	TWA : 0.5 mg/m^3	TWA : 0.5 mg/m^3	TWA : 5 mg/m^3	TWA : 0.5 mg/m^3
Isobutane	No information available.	TWA : 800 ppm	No information available.	No information available.	STEL : 1,000 ppm
Trichloroethylene	TWA : 500 ppm STEL : 100 ppm	TWA : 10 ppm STEL : 25 ppm	TWA : 10 ppm STEL : 25 ppm	TWA : 100 ppm STEL : 200 ppm	TWA : 10 ppm STEL : 25 ppm

ENGINEERING MEASURES — Good general ventilation should be used.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION — Respiratory protection is required when there is a potential for airborne exposures in excess of applicable limits. When required wear NIOSH approved respiratory protection.

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

EYE PROTECTION — Chemical splash goggles.

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 – PHYSCAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.) — Black aerosolized mist

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	-42ºC
FLASH POINT	-96ºC
EVAPORATION RATE	Faster than ether.
FLAMMABILITY	Extremely flammable.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower flammability limit (% vol): 8.4 Upper flammability limit (% vol): 3.9
VAPOR PRESSURE	No information available.
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	No information available.
SPECIFIC GRAVITY	0.852
VISCOSITY	No information available.
PERCENT VOLATILE	Minimum 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	Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition.

INCOMPATIBLE MATERIALS	Acids and bases. Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon (CO and CO_2), chlorine gas, hydrogen chloride, fumes and smoke may be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY

WARNING: This product may contain Trichloroethylene. IARC concludes that Trichloroethylene is possibly carcinogenic to humans. IARC classification: Group 1

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)
Propane	No information available	No information available
Asphalt	No information available	>5,000 mg/kg (oral-rat); >2,000 mg/kg (dermal-rabbit)
Isobutane	658 mg/l (inhalation-rat, 4H)	No information available
Trichloroethylene	141 mg/l (Inhalation-rat, 4H)	4,900 mg/kg (oral-rat); 29,280 mg/kg (dermal-rabbit)

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: > 20 mg/l. Virtually nontoxic by inhalation. Method: calculation method.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	No information available.
PRIMARY ROUTE OF EXPOSURE	Inhalation

HEALTH EFFECTS:

EYES	Contact may cause irritation.
SKIN	Contact may cause 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. Chronic exposure to organic solvents such as Toluene has been associated with various neurotoxic effects including permanent brain and nervous system damage.
CARCINOGENICITY	May cause cancer. Risk of cancer depends on duration and level of exposure. Trichloroethylene: IARC Group 1 (carcinogenic to humans), ACGIH A2 (suspected human carcinogen). Asphalt is listed as IARC Group 2B (possibly carcinogenic to humans).

REPRODUCTIVE TOXICITY:

DEVELOPMENT OF OFFSPRING	Possible risk of harm to the unborn child (Toluene).
SEXUAL FUNCTION AND FERTILITY	May cause adverse reproductive effects.
GERM CELL MUTAGENICITY	Trichloroethylene: suspected of causing genetic defects.

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 content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14 – TRANSPORT INFORMATION

TDG CLASSIFICATION	Aerosols, flammable, UN1950, Class 2.1.

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
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.