



SAFETY DATA SHEET 1287

ARMOURREFLECT PRIMER

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	ArmourReflect Primer
TRADE NAME	Select Primer
PRODUCT NUMBER	7870016
CHEMICAL FAMILY	Mixture
PRODUCT USE	Tar Stain Blocking Roof Primer - Water Based
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 DANGER

SYMBOL(S)



CLASSIFICATION Carcinogenicity – Category 1B

HAZARD STATEMENTS H350 - May cause cancer

PRECAUTIONARY STATEMENTS
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear eye protection, protective clothing, protective gloves
P308+P313 - If exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container to in accordance with local, regional, and national regulations.

NFPA
Health Hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
Fire Hazard: 0 - Materials that will not burn.
Reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



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HMIS

Health: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability: 0 Minimal Hazard
Physical: 0 Minimal Hazard
Personal Protection: B

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CHEMICAL NAME	% (w/w)	CAS NUMBER	GHS Classification
Butyl glycol ether	1.28	111-76-2	Flammable liquids, Category 4 H227 - Combustible liquid Acute toxicity (oral), Category 4 H302 - Harmful if swallowed Acute toxicity (dermal), Category 4 H312 - Harmful in contact with skin Acute toxicity (inhalation; vapor) Category 3 H331 - Toxic if inhaled Skin corrosion/irritation, Category 2 H315 - Causes skin irritation
Distillates (petroleum), solvent-dewaxed heavy paraffinic, Base oil – unspecified [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).]	> 0.175	64742-65-0	Carcinogenicity, Category 1B H350 - May cause cancer

SECTION 4 – FIRST AID

INHALATION	Not expected to be an inhalation hazard. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
INGESTION	Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
SKIN CONTACT	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
EYE CONTACT	Rinse eyes with water as a precaution.
ACUTE AND CHRONIC SYMPTOMS	No additional information available.
MEDICAL ATTENTION	IF exposed or concerned: Get medical advice/attention.



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SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Carbon dioxide. Foam. Water. Dry Chemical.
FIRE FIGHTING	Product is not explosive. Product is stable.
FLAMMABILITY PROPERTIES:	Not flammable in liquid state.
FLASH POINT	No information available
FLAMMABLE LIMITS IN AIR	No information available
AUTO IGNITION TEMPERATURE	No information available
HAZARDOUS COMBUSTION PRODUCTS	No information available
SPECIAL PPE FOR FIRE-FIGHTERS	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES	Absorb spillage to prevent material damage. Do not attempt to take action without suitable protective equipment. For further information refer to Section 8: "Exposure Control and Personal Protection".
ENVIRONMENTAL PRECAUTIONS	Avoid release to the environment. Notify authorities if product enters sewers or public waters.
SPELL MANAGEMENT	Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site.

SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE	Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors. Ensure good ventilation. Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
STORAGE PRECAUTIONS	Store locked up. Store in a well-ventilated place. Keep cool. Avoid contact with strong oxidizers.



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SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS				
	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Fortress Tar Bloc AP	n/a	n/a	n/a	n/a	n/a
Distillates (petroleum), solvent-dewaxed heavy paraffinic, Base oil - unspecified	TWA: 5 mg/m ³ STEL: 10 mg/m ³ (oil mist)	TWA: 5 mg/m ³ (oil mist)	TWA: 1 mg/m ³ (oil mist)	TWA: 5 mg/m ³ (oil mist)	TWA: 5 mg/m ³ STEL: 10 mg/m ³ (oil mist)
Butyl glycol ether	TWA: 20 ppm	TWA: 20 ppm	n/a	PEL: 50 ppm	TWA: 20 ppm STEL: 20 ppm

ENGINEERING MEASURES Ensure good ventilation.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION Wear respiratory protection.

SKIN AND BODY PROTECTION Protective gloves. Wear suitable protective clothing.

EYE PROTECTION Safety glasses.

HYGIENE MEASURES No information available

OTHER CONTROLS Avoid release to the environment.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.) White to off-white; Translucent blue-green, thin liquid.

ODOR Ammonia odor

ODOR THRESHOLD No data available

PH ≈ 8 (≥ 10)

MELTING POINT/FREEZING POINT No data available

INITIAL BOILING POINT AND BOILING RANGE ≈ 212 °F

FLASH POINT No data available



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EVAPORATION RATE	No data available
FLAMMABILITY	No data available
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	No data available
VAPOR PRESSURE	No data available
VAPOR DENSITY	No data available
MOLECULAR WEIGHT	No data available
SOLUBILITY(IES)	Solubility in water of component(s) of the mixture: <ul style="list-style-type: none">• butyl glycol ether: Complete• xanthan gum: Complete• tertiary- octylphenoxypoly(ethoxyethanol): Complete• polyethylene glycol 200: Complete• 2-amino- 2-methylpropanol: Complete• lithium hydroxide, monohydrate: 22.3 g/100ml
PARTITION COEFFICIENT: N- OCTANOL/WATER	No data available
AUTO-IGNITION TEMPERATURE	No data available
DENSITY	≈ 1.09 g/cm ³
VISCOSITY	No data available

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:

CHEMICAL STABILITY	Product is stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	Product is stable.
CONDITIONS TO AVOID	Oxidizing agent
INCOMPATIBLE MATERIALS	Oxidizing agent
HAZARDOUS DECOMPOSITION PRODUCTS	Hydrogen sulfide, sulfides. Carbon dioxide. Carbon monoxide.



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SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY Not classified

Butyl glycol ether (CAS #111-76-2)	
LD50 oral rat	1746 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	2.2 mg/l/4h (Rat; Experimental value)
LC50 inhalation rat (ppm)	450 ppm/4h (Rat; Experimental value)
ATE US (oral)	1746.000 mg/kg bodyweight
ATE US (dermal)	1100.000 mg/kg bodyweight
ATE US (gases)	450.000 ppmv/4h
US (vapors)	2.200 mg/l/4h
ATE US (dust, mist)	2.200 mg/l/4h

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE No information available

PRIMARY ROUTE OF EXPOSURE No information available

HEALTH EFFECTS:

EYES Not classified. pH: ≈ 8 (≥ 10)

SKIN Not classified. pH: ≈ 8 (≥ 10)

INHALATION Not classified

INGESTION No information available

STOT (SPECIFIC TARGET ORGAN TOXICITY)- SINGLE EXPOSURE Not classified

STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE Not classified

CARCINOGENICITY May cause cancer.
Butyl glycol ether (CAS #111-76-2): IARC Group 3- Not classifiable

REPRODUCTIVE TOXICITY Not classified

GERM CELL MUTAGENICITY Not classified

ASPIRATION HAZARD Not classified



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SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	This product may cause adverse environmental effects if used improperly or released to the environment through a spill. Employ best management practices to prevent this material from entering storm sewers systems, waterways or otherwise impacting plant and animal species.
PERSISTENCE & DEGRADABILITY	No additional information available
BIODEGRADATION MOBILITY	No additional information available
BIOACCUMULATION POTENTIAL	No additional information available
OTHER EFFECTS	No known ecological damage caused by this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	The product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.
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SECTION 14 – TRANSPORT INFORMATION

DOT	Not regulated for transport.
OTHER INFORMATION	Not classified as a hazardous material under HM-181.

SECTION 15 - REGULATIONS

US	<p>Fortress Tar Bloc AP: Not listed on the United States TSCA (Toxic Substances Control Act) inventory</p> <p>All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:</p> <ul style="list-style-type: none">lithium hydroxide, monohydrate (CAS #1310-66-3) 0.0051% <p>California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm</p> <p>Butyl glycol ether (CAS #111-76-2):</p> <ul style="list-style-type: none">U.S. - New Jersey - Right to Know Hazardous Substance ListU.S. - Pennsylvania - RTK (Right to Know) List
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Canada

No information available

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS April 3, 2020

REPLACES THE MSDS/SDS FROM (new)

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.