



SAFETY DATA SHEET 2595

InnoviPrime TPO Primer LVOC

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	InnoviPrime TPO Primer LVOC
TRADE NAME	
PRODUCT NUMBER	6100014
CHEMICAL FAMILY	No information available
PRODUCT USE	Primer
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 160 IKO Way Hagerstown, MD 21740 United States
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 Flammable Liquids – Category 2
Aspiration Hazard – Category 1
Skin Irritation – Category 2
Eye Irritation – Category 2A
Reproductive Toxicity – Category 2
Specific Target Organ Toxicity, Repeated Exposure – Category 2

HAZARD STATEMENTS Highly flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS 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.



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Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If swallowed: Immediately call a poison center/doctor.
 Specific treatment (see on this label).
 Do NOT induce vomiting.
 If on skin (or hair): Take off immediately all contaminated clothing.
 Rinse skin with water/shower.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF exposed or concerned: Get medical advice/attention.
 Call a poison center/doctor if you feel unwell.
 Get medical advice/attention if you feel unwell.
 Take off contaminated clothing and wash it before reuse.
 If skin irritation occurs: Get medical advice/attention.
 In case of fire: Use for extinction: CO2, powder or water spray.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool. Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

NFPA

Health: 2
 Flammability: 3
 Reactivity: 0

HMIS

Health: 2
 Flammability: 3
 Physical Hazards: 0

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CHEMICAL CHARACTERIZATION

Mixtures

CHEMICAL NAME	% (w/w)	CAS NUMBER
<i>4-Chloro-alpha,alpha,alpha-trifluorotoluene</i>	50-100%	98-56-6
<i>toluene</i>	5-20%	108-88-3
<i>Isobutylene Copolymer</i>	≤2.5%	Information not available
<i>xylene</i>	≤0.5%	1330-20-7



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SECTION 4 – FIRST AID

INHALATION	In case of unconsciousness place patient stably in side position for transportation. Call a doctor immediately. Overexposure, remove to fresh air and seek medical attention.
INGESTION	Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a doctor immediately. Seek medical treatment.
SKIN CONTACT	Wipe excess from skin. Immediately wash with water and soap and rinse thoroughly.
EYE CONTACT	Rinse opened eye for 20 minutes under running water. Call a Doctor immediately.
ACUTE AND CHRONIC SYMPTOMS	No further relevant information available.
MEDICAL ATTENTION	No further relevant information available.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Suitable extinguishing agents: CO ₂ , Sand, Extinguishing powder. Do not use water. Unsuitable extinguishing agents: Water
ADVICE FOR FIRE FIGHTING	Protective equipment: Protective clothing and respiratory protective device.
FLAMMABILITY	Flammable.
PROPERTIES	Form: Liquid Color: Clear Odor: Solvent-like Odor threshold: Not determined
FLASH POINT	7.8 °C (46 °F)
FLAMMABLE	No information available
AUTO IGNITION TEMPERATURE	Product is not selfigniting.



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SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS,
PROTECTIVE MEASURES AND
EMERGENCY PROCEDURES

Ensure adequate ventilation Wear protective equipment.
Keep unprotected persons away

Protective Action Criteria for Chemicals ·

PAC-1:

108-88-3	<i>toluene</i>	67 ppm
112945-53-5	<i>Amorphous Silica</i>	18 mg/m ³
1330-20-7	<i>xylene</i>	130 ppm

PAC-2:

108-88-3	<i>toluene</i>	560 ppm
112945-53-5	<i>Amorphous Silica</i>	100 mg/m ³
1330-20-7	<i>xylene</i>	920* ppm

PAC-3:

108-88-3	<i>toluene</i>	3700* ppm
112945-53-5	<i>Amorphous Silica</i>	630 mg/m ³
1330-20-7	<i>xylene</i>	2500* ppm

ENVIRONMENTAL
PRECAUTIONS

Do not allow product to reach sewage system or any water course. Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

SPILL MANAGEMENT

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste in accordance with federal state and local regulations. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

REFERENCE TO OTHER
SECTIONS

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE

Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling. Open containers in a well ventilated area and avoid breathing headspace vapors. Open and handle receptacle with care. Prevent formation of aerosols.

STORAGE PRECAUTIONS

Requirements to be met by storerooms and receptacles: Store in a cool location away from direct heat. (0-50C) (Metal Can, no water)

Information about storage in one common storage facility: Store away from oxidizing agents.



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Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CONTROL PARAMETERS

Components with limit values that require monitoring at the workplace: The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

CHEMICAL NAME	EXPOSURE LIMITS			
	PEL	REL	TLV	Biological Limit
108-88-3 <i>toluene</i>	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm	Long-term value: 75 mg/m ³ , 20 ppm BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
1330-20-7 <i>xylene</i>	Long-term value: 435 mg/m ³ , 100 ppm	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

ENGINEERING MEASURES

No further information available.

PERSONAL PROTECTIVE EQUIPMENT

See listings below

RESPIRATORY PROTECTION

Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

BODY PROTECTION

Protective work clothing

EYE PROTECTION

Safety glasses with side shields.

HYGIENE MEASURES

Keep away from foodstuffs, beverages and feed. Immediately remove



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all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin.

OTHER CONTROLS

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and must be observed.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Form: Liquid Color: Translucent
ODOR	Characteristic
ODOR THRESHOLD	Not determined
PH	Not determined.
MELTING POINT/FREEZING POINT	Melting point: Undetermined.
INITIAL BOILING POINT AND BOILING RANGE	Boiling point: 111 °C (231.8 °F)
FLASH POINT	7.2 °C (45 °F)
EVAPORATION RATE	Not determined.
FLAMMABILITY	Flammable.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower: 1.2 Vol % Upper: 7.0 Vol %
VAPOR PRESSURE 20 °C (68 °F)	22 mm Hg



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VAPOR DENSITY	>1
RELATIVE DENSITY	Not determined.
MOLECULAR WEIGHT	No information available
SOLUBILITY(IES)	Insoluble
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not determined.
AUTO-IGNITION TEMPERATURE	Product is not selfigniting.
SPECIFIC GRAVITY 20 °C (68 °F)	1.2 g/cm ³ (10.014 lbs/gal)
VISCOSITY	Dynamic: Not determined. Kinematic: Not determined.
SOLVENT CONTENT	VOC (Per EPA 24): 240 g/L
SOLIDS CONTENT	10%

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY	No further relevant information available.
CHEMICAL STABILITY	No further relevant information available.
POSSIBILITY OF HAZARDOUS REACTIONS	No dangerous reactions known.
CONDITIONS TO AVOID	Heat, flames, sparks.
INCOMPATIBLE MATERIALS	Reacts with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide and carbon dioxide. Nitrogen oxides. Silicon Oxides

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY LD/LC50 values that are relevant for classification:

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/l (mouse)



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MEDICAL CONDITIONS
AGGRAVATED BY EXPOSURE

No further information available

PRIMARY ROUTE OF
EXPOSURE

On the skin: Skin irritant

EYES

Irritating effect. Vapors may be irritating to the eyes.

SKIN

Irritant to skin and mucous membranes.

INHALATION

No further relevant information available.

INGESTION

No further relevant information available.

STOT (SPECIFIC TARGET
ORGAN TOXICITY)- SINGLE
EXPOSURE

No further relevant information available.

STOT (SPECIFIC TARGET
ORGAN TOXICITY) –
REPEATED EXPOSURE

May cause damage to organs through prolonged or repeated exposure.

CARCINOGENICITY

IARC (International Agency for Research on Cancer)

108-88-3	<i>toluene</i>	<i>Group 3</i>
1330-30-7	<i>xylene</i>	<i>Group 3</i>

NTP (National Toxicology Program): None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

REPRODUCTIVE TOXICITY

DEVELOPMENT
OF OFFSPRING

Chemicals known to cause developmental toxicity:
108-88-3 *toluene*

SEXUAL FUNCTION
AND FERTILITY

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY

No further relevant information available.

PERSISTENCE &
DEGRADABILITY

No further relevant information available.

BIODEGRADATION MOBILITY

No further relevant information available.



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BIOACCUMULATION POTENTIAL	No further relevant information available.
MOBILITY IN SOILS	No further relevant information available.
GENERAL NOTES	At present, there are no ecotoxicological assessments available

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	Waste treatment methods: Must be specially treated adhering to official regulations.
	Uncleaned packagings: Disposal must be made according to official regulations

SECTION 14 – TRANSPORT INFORMATION

UN-NUMBER: DOT ADN, IMDG, IATA	UN1133
UN PROPER SHIPPING NAME: DOT ADN, IMDG, IATA	Adhesives
TRANSPORT HAZARD CLASS(ES): DOT ADN, IMDG, IATA CLASS	Class 3 Flammable liquids. Label 3
PACKING GROUP: DOT IMDG, IATA	PGII
ENVIRONMENTAL HAZARD	Not applicable
SPECIAL PRECAUTIONS FOR USERS	Warning: Flammable liquids · Danger code (Kemler): 33 EMS Number: F-E,S-D Segregation groups: Liquid halogenated hydrocarbons
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE	Not applicable.
UN "MODEL REGULATION"	UN1133, Adhesives, mixture, 3, II



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SECTION 15 - REGULATIONS

Section 355 (extremely hazardous substances):
None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):
108-88-3 *toluene*
1330-20-7 *xylene*

TSCA (Toxic Substances Control Act):
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Proposition 65:
Chemicals known to cause cancer:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
108-88-3 *toluene*

(DSL) Canada Domestic Substance List:
All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.

New Jersey Right-to-Know List:
108-88-3 *toluene*
1330-20-7 *xylene*

New Jersey Special Hazardous Substance List:
108-88-3 *toluene TE, F3*
1330-20-7 *xylene F3*

Pennsylvania Right-to-Know List:
108-88-3 *toluene*
1330-20-7 *xylene*
Pennsylvania Special Hazardous Substance List:
108-88-3 *toluene E*
1330-20-7 *xylene E*

Carcinogenicity categories · EPA (Environmental Protection Agency):
108-88-3 *toluene II*
1330-20-7 *xylene I*

TLV (Threshold Limit Value established by ACGIH):
108-88-3 *toluene A4*
1330-20-7 *xylene A4*



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MAK (German Maximum Workplace Concentration):
None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):
None of the ingredients is listed.

National regulations:
Information about limitation of use: Use by properly trained workers recommended.

Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS January 27, 2021

REPLACES THE MSDS/SDS (new)
FROM

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.