



SAFETY DATA SHEET 25137

PMMA - IKO Metatech Surfacer

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	IKO Metatech Surfacer
TRADE NAME	IKO Metatech Surfacer
PRODUCT NUMBER	02418610 UFI: PE50-100Y-H005-HRSM
CHEMICAL FAMILY	Sealing
PRODUCT USE	SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen) SU19 Building and construction work
MANUFACTURER/SUPPLIER	IKO Europe nv D'Herbouvillekaai 80 B-2020 Antwerpen Belgium Tel.: +32 (0)3 248 30 00 E-mail: sds.europe@iko.com
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.
Skin sensitization - Category 1.
Specific Target Organ Toxicity (Single Exposure) - Category 3.

HAZARD STATEMENTS H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

PRECAUTIONARY STATEMENTS P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face



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protection/hearing protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P312 Call a POISON CENTER/doctor if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

NFPA

Health = 1

Fire = 3

Reactivity = 0

HMIS

Health = 1

Fire = 3

Reactivity = 0

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

Chemical characterization: Mixtures

Description: Solution of an acrylic polymer in acrylates and methacrylates

Hazardous components:

HAZARDOUS CHEMICAL NAME	% (w/w)	CAS NUMBER
methyl methacrylate	$\geq 10 - \leq 25$	CAS: 80-62-6
2-ethylhexyl acrylate	$\geq 10 - \leq 25$	CAS: 103-11-7
Ethoxylated p-toluidine	$\geq 0.1 - \leq 0.5$	

SECTION 4 – FIRST AID

General information: Immediately remove any clothing soiled by the product. Take affected persons out of danger area and lay down. Involve doctor immediately.

INHALATION

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

INGESTION

After swallowing: Do not induce vomiting; call for medical help immediately.

SKIN CONTACT

If skin irritation continues, consult a doctor. Immediately wash with water and soap and rinse thoroughly.

EYE CONTACT

Rinse opened eye for several minutes under running water. Then consult a doctor.

ACUTE AND CHRONIC SYMPTOMS

Headache

Dizziness

May cause respiratory irritation.

Symptoms/effects after eye contact : irritation of the eyes

Prolonged skin contact may cause redness and irritation.

MEDICAL ATTENTION

After inhalation, even in the absence of symptoms, give inhaled corticosteroid (e.g. Ventolair)



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SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Suitable extinguishing agents: Sand Dry chemical powder, foam or carbon dioxide (CO ₂). For safety reasons unsuitable extinguishing agents: Water with full jet
ADVICE FOR FIRE FIGHTING	Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit.
HAZARDOUS COMBUSTION PRODUCTS	Can form explosive gas-air mixtures. Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released: Carbon monoxide (CO) Nitrogen oxides (NO _x) Vapour is heavier than air and can form an explosive mixture with air.
FLAMMABILITY	Flammable
PROPERTIES:	
FLASH POINT	28 °C
FLAMMABLE LIMITS IN AIR	Not determined. Not determined.
AUTO IGNITION TEMPERATURE	252 °C
SPECIAL PPE FOR FIRE-FIGHTERS	Wear self-contained respiratory protective device. Wear fully protective suit.

Additional information: Collect contaminated fire fighting water separately. It must not enter the sewage system. Cool endangered receptacles with water spray.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES	Ensure adequate ventilation Keep away from ignition sources. Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away.
ENVIRONMENTAL PRECAUTIONS	Do not allow to enter sewers/ surface or ground water. In case of seepage into the ground inform responsible authorities.
SPILL MANAGEMENT	Do not flush with water or aqueous cleansing agents. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.



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SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE

Due to polymerisation, cool containers when heated. Keep away from heat, sparks and open flame. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Keep away from heat and direct sunlight. Use only in well ventilated areas. Do not refill residue into storage receptacles. Prevent formation of aerosols.

Information about fire - and explosion protection: Fumes can combine with air to form an explosive mixture. Highly volatile, flammable constituents are released during processing. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Use only in explosion protected area.

STORAGE PRECAUTIONS

Requirements to be met by storerooms and receptacles:
Store only in the original receptacle.
Store in a cool location.

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

Further information about storage conditions:
Storage in a collecting room is required.
Store under lock and key and with access restricted to technical experts or their assistants only.
Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight. Store at temperatures between 0 °C and 35 °C.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CONTROL PARAMETERS:

Ingredients with limit values that require monitoring at the workplace:

CAS: 80-62-6 methyl methacrylate	
EL	STEL: 100 ppm TWA: 50 ppm S(D)
EV	STEL: 100 ppm TWA: 50 ppm

Additional information: The lists valid during the making were used as basis.

ENGINEERING MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY Respiratory protection at high concentrations when limits are



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PROTECTION exceeded.
In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.
Use suitable respiratory protective device in case of insufficient ventilation.
Filter A

SKIN AND BODY PROTECTION Protection of hands: Solvent resistant gloves
Material of gloves: Butyl rubber, BR
Recommended thickness of the material: ≥ 0.7 mm
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:
>480 min.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
For the permanent contact gloves made of the following materials are suitable: Butyl rubber, BR
Not suitable are gloves made of the following materials: Leather gloves
Body protection: Use protective suit.

EYE PROTECTION Tightly sealed goggles

HYGIENE MEASURES Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

OTHER CONTROLS No information available.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Form: Fluid Color: Different according to colouring
ODOR	Ester-like
ODOR THRESHOLD	Not determined.
PH	Mixture is non-soluble (in water).
MELTING POINT/FREEZING POINT	Undetermined
INITIAL BOILING POINT AND BOILING RANGE	101 °C
FLASH POINT	28 °C



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EVAPORATION RATE	Not determined.
FLAMMABILITY	Flammable.
IGNITION TEMPERATURE	252 °C
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Not determined. Not determined.
VAPOR PRESSURE	Not determined.
DENSITY AT 20 °C	1.34 g/cm ³
VAPOR DENSITY	Not determined.
RELATIVE DENSITY	Not determined.
MOLECULAR WEIGHT	No information available.
SOLUBILITY IN/MISCIBILITY WITH WATER:	Insoluble
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not determined
AUTO-IGNITION TEMPERATURE	Product is not selfigniting.
EXPLOSIVE PROPERTIES	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
SPECIFIC GRAVITY	No information available.
VISCOSITY	Dynamic: 4,500 mPas Kinematic: Not determined
SOLVENT CONTENT	Solids content:72.0%
OTHER INFORMATION	No further relevant information available.

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:	Stable under normal conditions.
CHEMICAL STABILITY	Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
POSSIBILITY OF HAZARDOUS REACTIONS	Reacts with peroxides and other radical forming substances. Exothermic reaction. Exothermic polymerization.



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CONDITIONS TO AVOID

Keep away from heat and direct sunlight.

INCOMPATIBLE MATERIALS

Reacts with peroxides.
Reacts with reducing agents.

HAZARDOUS

None at a proper use of the product.

DECOMPOSITION PRODUCTS

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY

Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
Inhalative	LC50/4 h	156 mg/l (rat)

CAS: 80-62-6 methyl methacrylate		
Oral	LD50	7,872 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
CAS: 103-11-7 2-ethylhexyl acrylate		
Oral	LD50	5,660 mg/kg (rat)
Dermal	LD50	8,480 mg/kg (rabbit)
Ethoxylated p-toluidine		
Oral	LD50	500 mg/kg (rat)

IARC (International Agency for Research on Cancer)		
CAS: 103-11-7	2-ethylhexyl acrylate	2B
CAS: 80-62-6	methyl methacrylate	3
CAS: 128-37-0	Butylated hydroxytoluene	3

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

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

No information available.

PRIMARY ROUTE OF EXPOSURE

No information available.

HEALTH EFFECTS:

EYES No information available.

SKIN Irritant
Causes skin irritation.

INHALATION No information available.

INGESTION No information available.



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STOT (SPECIFIC TARGET ORGAN TOXICITY)- SINGLE EXPOSURE	No information available.
STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE	No information available.
CARCINOGENICITY	No information available.
REPRODUCTIVE TOXICITY:	No information available.
DEVELOPMENT OF OFFSPRING	No information available
SEXUAL FUNCTION AND FERTILITY	No information available
GERM CELL MUTAGENICITY	No information available.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	80-62-6 methyl methacrylate EC50/48h 69 mg/l (daphnia magna) (OECD 202) EC50/72h >110 mg/l (Selenastrum capricornutum) (OECD201) LC50/96h >79mg/l (Rainbow trout) (OECD 203) 103-11-7 2-Ethylhexyl acrylate EC50 48h(daphnia magna): 1.3 mg/l LC50 96h (forel) : 1.81 mg/l
PERSISTENCE & DEGRADABILITY	Easily biodegradable
BIODEGRADATION MOBILITY	Mobility in soil : Groundwater can be contaminated.
BIOACCUMULATION POTENTIAL	May be accumulated in organism
GENERAL NOTES	Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	Waste treatment methods: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal should be in accordance with applicable regional, national and local laws and regulations. Uncleaned packaging: Recommendation: Dispose of packaging according to regulations on
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the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product..

SECTION 14 – TRANSPORT INFORMATION

UN-NUMBER

ADR, IMDG Void
IATA UN1263

UN PROPER SHIPPING NAME

DOT/TDG Paint
ADR exemption according to 2.2.3.1.5.
UN1263 Paint

IMDG Transport in accordance with 2.3.2.5 of the IMDG code.

TRANSPORT HAZARD CLASS(ES):

· DOT/TDG (Transport dangerous goods):
Class 3 Flammable liquids
Label 3

ADR, IMDG
Class Void

IATA
Class 3 Flammable liquids
Label 3

PACKING GROUP

ADR, IMDG Void
DOT/TDG, IATA III

ENVIRONMENTAL HAZARD MARINE POLLUTANT:

No

SPECIAL PRECAUTIONS FOR USERS

Not applicable

EMS NUMBER:

Not applicable

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE

Not applicable.

TRANSPORT/ADDITIONAL INFORMATION

ADR
Remarks: Classification according to viscosity clause 2.2.3.1.4

UN "MODEL REGULATION"

UN1263, PAINT, 3, III

SECTION 15 - REGULATIONS



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Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

Sara

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

CAS: 80-62-6	methyl methacrylate
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TSCA (Toxic Substances Control Act):

CAS: 103-11-7	2-ethylhexyl acrylate	ACTIVE
CAS: 80-62-6	methyl methacrylate	ACTIVE
CAS: 128-37-0	Butylated hydroxytoluene	ACTIVE

Canadian substance listings:

Canadian Domestic Substances List (DSL)

CAS: 103-11-7	2-ethylhexyl acrylate
CAS: 80-62-6	methyl methacrylate
CAS: 128-37-0	Butylated hydroxytoluene

Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%)

All ingredients are listed.

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS February 19, 2025

REPLACES THE MSDS/SDS (new)
FROM

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



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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.