



## SAFETY DATA SHEET 25135

### PMMA - IKO Metatech Floor L

#### SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	IKO Metatech Floor L
TRADE NAME	IKO Metatech Floor L
PRODUCT NUMBER	02418410 <b>UFI: 2SRM-E889-7009-52D7</b>
CHEMICAL FAMILY	Acrylic sealant
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 Danger

SYMBOL(S)



CLASSIFICATION Flammable Liquids - Category 2  
Skin Irritation - Category 2.  
Skin sensitization - Category 1.  
Specific Target Organ Toxicity (Single Exposure) - Category 3.

HAZARD STATEMENTS H225 Highly 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.  
P233 Keep container tightly closed.  
P262 Do not get in eyes, on skin, or on clothing.



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P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

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
2-ethylhexyl acrylate	$\geq 10 - \leq 50$	CAS: 103-11-7
methyl methacrylate	$\geq 10 - \leq 50$	CAS: 80-62-6

\* Actual concentration ranges are withheld as a trade secret.

### SECTION 4 – FIRST AID

General information: 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 if symptoms persist, consult a doctor.

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.

ACUTE AND CHRONIC  
SYMPTOMS

Headache

Dizziness

Allergic reactions

MEDICAL ATTENTION

No further relevant information available.

### SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray.



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Fight larger fires with water spray or alcohol resistant foam.  
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	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 <sub>x</sub> )
FLAMMABILITY	Not applicable.

#### PROPERTIES:

FLASH POINT 10 °C

FLAMMABLE LIMITS IN AIR Lower flammability limit (% vol): 0.8  
Upper flammability limit (% vol): 12.5

AUTO IGNITION TEMPERATURE Not determined.

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.

SPILL MANAGEMENT Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

### SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE 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.

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



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away - Do not smoke. Protect against electrostatic charges.

#### 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.

## SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

#### CONTROL PARAMETERS:

Ingredients with limit values that require monitoring at the workplace:

103-11-7 2-ethylhexyl acrylate

short term value : 38 mg/m<sup>3</sup>, 5 ppm

long term value : 38 mg/m<sup>3</sup>, 5 ppm

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 PROTECTION** Respiratory protection at high concentrations when limits are exceeded.  
When vapours and aerosols occur respiratory protection with organic vapour filter type A.

**SKIN AND BODY PROTECTION** Protection of hands: Use Protective gloves  
Material of gloves: Butyl rubber, BR  
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 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



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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: Viscous Color: Different according to colouring
ODOR	Ester-like
ODOR THRESHOLD	Not determined
PH	Not applicable.
MELTING POINT/FREEZING POINT	Undetermined
INITIAL BOILING POINT AND BOILING RANGE	101 °C
FLASH POINT	10 °C
EVAPORATION RATE	Not determined.
FLAMMABILITY	Not applicable.
IGNITION TEMPERATURE	Not determined.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower flammability limit (% vol): 0.8 Vol % Upper flammability limit (% vol): 12.5 Vol %
VAPOR PRESSURE	At 20 °C: 47 hPa
DENSITY AT 20 °C	1 g/cm <sup>3</sup>
VAPOR DENSITY	Not determined.
RELATIVE DENSITY	Not determined.
MOLECULAR WEIGHT	No information available.
SOLUBILITY IN/MISCIBILITY WITH WATER:	Insoluble
PARTITION COEFFICIENT:	Not determined



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N-OCTANOL/WATER

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: 3,000 mPas  
Kinematic: Not determined

SOLVENT CONTENT

No information available.

OTHER INFORMATION

No further relevant information available.

#### SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:

No further relevant information available.

CHEMICAL STABILITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specificatins.

POSSIBILITY OF  
HAZARDOUS REACTIONS

Reacts with peroxides and other radical forming substances.  
Exothermic reaction.  
Exothermic polymerization.

CONDITIONS TO AVOID

Keep away from heat and direct sunlight.

INCOMPATIBLE MATERIALS

Reacts with peroxides.  
Reacts with reducing agents.

HAZARDOUS  
DECOMPOSITION PRODUCTS

None at a proper use of the product.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY

LD/LC50 values relevant for classification:		
CAS: 103-11-7 2-ethylhexyl acrylate		
Oral	LD50	5,660 mg/kg (rat)
Dermal	LD50	8,480 mg/kg (rabbit)

CAS: 80-62-6 methyl methacrylate		
Oral	LD50	7,872 mg/kg (rat)
Dermal	LD50	8,480 mg/kg (rabbit)



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IARC (International Agency for Research on Cancer)		
CAS: 103-11-7	2-ethylhexyl acrylate	2B
CAS: 80-62-6	methyl methacrylate	3
CAS: 1308-38-9	dichromium trioxide	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 Based on available data, the classification criteria are not met.

SKIN Irritant  
Causes skin irritation.

INHALATION No information available.

INGESTION No information available.

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

Aquatic toxicity:  
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)



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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

Easily biodegradable  
Mobility in soil : Groundwater can be contaminated.

#### BIOACCUMULATION POTENTIAL

Potential to bioaccumulate.

#### 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.

Uncleaned packaging:  
Recommendation: Packaging may be reused or recycled after cleaning.  
Dispose of packaging according to regulations on the disposal of packagings.

### SECTION 14 – TRANSPORT INFORMATION

#### UN-NUMBER

ADR, IMDG, IATA UN1263

#### UN PROPER SHIPPING NAME

DOT/TDG Paint related material  
ADR UN 1263, Paint related material, 3, II, D/E  
IMDG UN 1263, Paint related material, 3, II, (10°C cc)  
IATA UN1263 PAINT RELATED MATERIAL

TRANSPORT HAZARD CLASS(ES): Class 3 Flammable Liquids  
ADR, IMDG, IATA Label 3

#### PACKING GROUP

ADR, IMDG, IATA II

#### ENVIRONMENTAL HAZARD MARINE POLLUTANT:

No

#### SPECIAL PRECAUTIONS FOR USERS

Warning: Flammable liquids.  
Danger code (Kemler): 33





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EMS NUMBER:

Stowage Category: B  
F-E,S-D

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

Not applicable.

TRANSPORT/ADDITIONAL  
INFORMATION

ADR : Special provision 640D  
Excepted quantities (EQ) Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml

IMDG  
Limited quantities (LQ): 5L  
Excepted quantities (EQ) Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml

UN "MODEL REGULATION"

UN 1263 PAINT RELATED MATERIAL, 3, II

## SECTION 15 - REGULATIONS

**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
CAS: 1308-38-9	dichromium trioxide

### TSCA (Toxic Substances Control Act):

CAS: 103-11-7	2-ethylhexyl acrylate	ACTIVE
CAS: 80-62-6	methyl methacrylate	ACTIVE
CAS: 109-16-0	Triethylene glycol dimethacrylate	ACTIVE
CAS: 38668-48-3	1,1'-(p-tolylimino)dipropyl-2-ol	ACTIVE
CAS: 1308-38-9	dichromium trioxide	ACTIVE
CAS: 14542-23-5	Calcium fluoride	ACTIVE

### Canadian substance listings:

#### Canadian Domestic Substances List (DSL)

CAS: 103-11-7	2-ethylhexyl acrylate
CAS: 80-62-6	methyl methacrylate
CAS: 109-16-0	Triethylene glycol dimethacrylate
CAS: 38668-48-3	1,1'-(p-tolylimino)dipropyl-2-ol
CAS: 1308-38-9	dichromium trioxide



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<b>Canadian Non-Domestic Substances List (NDSL)</b>	
CAS: 14542-23-5	Calcium fluoride

<b>Canadian Ingredient Disclosure list (limit 0.1%)</b>
None of the ingredients is listed.

<b>Canadian Ingredient Disclosure list (limit 1%)</b>
All ingredients are listed.

<b>SECTION 16 – OTHER INFORMATION</b>
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REVISION DATE OF SDS	February 19, 2025
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REPLACES THE MSDS/SDS FROM	(new)
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PREPARED BY	Research Department
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GENERAL INFORMATION	1-888-766-2468
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WEBSITE	<a href="http://www.iko.com">www.iko.com</a>
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OTHER INFO/DISCLAMERS	Read this Safety Data Sheet before handling or disposing of this product.
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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.