

# SAFETY DATA SHEET

## IKOpro Acrylic Roof Coat

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier**  
IKOpro Acrylic Roof Coat
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Acrylic sealant
- 1.3 Details of the supplier of the safety data sheet**  
IKO PLC  
Appley Lane North  
Appley Bridge, Wigan  
Lancashire WN6 9AB  
Tel: 0844 412 7225  
Fax: 0844 412 7205
- 1.4 Emergency telephone number**  
  
Tel: 0844 412 7228 (available 08:30 to 17:00 weekdays)

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008

Flam. Liq. 3	H226 Flammable liquid and vapour.
Eye Irrit. 2	H319 Causes serious eye irritation.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

##### Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi;	Irritant
R36:	Irritating to eyes.
R10-52/53:	Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

##### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 2.2 Label elements

### Labelling according to Regulation (EC) No. 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms:



GHS02 GHS07

**Signal word:** Warning

**Risk phrases:**  
H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary Statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P235 Store in a well-ventilated place. Keep cool.

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

**Additional information:** Contains Bis(1,2,,2,6,6-pentamethyl-4-piperidyl)sebacate, methyl-1,2,2,6,6-pentamethyl-4-piperidylsebacat. May produce an allergic reaction.

## SECTION 3: Composition / information on ingredients

### 3.2 Mixtures

#### Description:

Mixture of substances listed below with non-hazardous additions.

· Dangerous components:		
CAS: 108-65-6 EINECS: 203-603-9	2-methoxy-1-methylethyl acetate Xi R36 R10 Flam. Liq. 3, H226 Eye Irrit. 2, H319	25-50%
	Hydrofobic fumed silica Acute Tox. 2, H330	0-2.5%
CAS: 287922-11-6	Mineral fibres Xi R38 Skin Irrit. 2, H315	0-2.5%
CAS: 41556-26-7	Bis(1,2,,2,6,6-pentamethyl-4-piperidyl)sebacate Xi R43 _ R50/53 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Sens. 1, H317	0-2.5%
CAS: 95-63-6 EINECS: 202-436-9	1,2,4-trimethylbenzene Xn R20 Xi R36/37/38 N R51/53	0-2.5%

	R10 Flam. Liq. 3, H226 Aquatic Chronic 2, H411 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 108-67-8 EINECS: 203-604-4	mesitylene Xi R37 N R51/53 R10 Flam. Liq. 3, H226 Aquatic Chronic 2, H411 STOT SE 3, H335	0-2.5%
CAS: 61791-53-5	N-oleoylpropyleen diamine dioleaat C R34 Xn R21/22 N R51/53 Skin Corr. 1B, H314 Aquatic Chronic 2, H411 Acute Tox. 4, H302; Acute Tox. 4, H312	0-2.5%
CAS: 82919-37-7	methyl-1,2,2,6,6-pentamethyl-4-piperidylsebaaat Xi R43 N R50/53 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Sens. 1, H317	0-2.5%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

## SECTION 4: First Aid Measures

### 4.1. Description of first aid measures

**Skin contact:** Generally the product does not irritate the skin.

**Eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

### 4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment required

Show this safety data sheet to the doctor in attendance.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing media:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2 Special hazards arising from the substance or mixture:

Not applicable

### 5.3 Advice for fire fighters;

No special measures required.

**SECTION 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions**

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and materials for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 References 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****7.1 Precautions for safe handling**

No special precautions are necessary if used correctly.

**Information about fire and explosion protection:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:**

**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Keep container tightly sealed.  
Protect from heat and direct sunlight.

**7.3 Specific end use(s):** No special requirement**SECTION 8. Exposure Controls/Personal Protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****108-65-6 2-methoxy-1-methylethyl acetate**

WEL	Short-term value: 548 mg/m <sup>3</sup> , 100 ppm Long-term value: 274 mg/m <sup>3</sup> , 50 ppm Sk
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Additional information: The lists valid during the making were used as basis.

**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic 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.  
Avoid contact with the eyes and skin.

**Respiratory protection:** Not required.

**Protection of hands:** Solvent resistant gloves

**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 breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection :**



Tightly sealed goggles

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>State:</b>	Viscous
<b>Colour:</b>	Light grey
<b>Odour:</b>	Characteristic odour
<b>Change in condition:</b>	
<b>Boiling point/Boiling range:</b>	146°C
<b>Flash point:</b>	44 °C
<b>Ignition temperature:</b>	315°C
<b>Self-igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	1.5 Vol %
<b>Upper:</b>	10.8 Vol %
<b>Vapour pressure at 20 °C:</b>	3.4 hPa
<b>Density at 20 °C:</b>	1.27 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water:</b>	Insoluble.
<b>Organic solvents:</b>	Miscible with many organic solvents.
<b>Viscosity:</b>	
<b>Dynamic:</b>	20000-35000 mPas (25 °C)
<b>Kinematic:</b>	Not determined.
<b>Solvent content:</b>	
<b>VOC (EC)</b>	VOC limit value (cat A/i) 500 g/L 2010.

**9.2 Other information:** No data available

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

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

### 10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions to avoid**

No further relevant information available.

**10.5 Incompatible materials**

No further relevant information available.

**10.6 Hazardous decomposition products**

Hazardous decompositions products may be released during prolonged heating like smoke, carbon monoxide and dioxides.

**SECTION 11: Toxicological Information****11.1 Information on toxicological effects****Acute toxicity:****Primary irritant effect: on the skin:**

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

**SECTION 12: Ecological Information****12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**Ecotoxicity effects:**

**Remark:** Harmful to fish

**12.5 Results of PBT and vPvB assessment**

Not applicable

**12.6 Other adverse effects**

No data available.

**SECTION 13: Disposal Considerations****13.1 Waste treatment methods**

**Disposal operations:** Wet waste: Arrange for disposal by a licenced waste disposal company

**Disposal of packaging:** Arrange for disposal by a licenced waste disposal company

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**SECTION 14: Transport Information****14.1 UN-Number**

ADR, IMDG UN1263

**14.2 UN proper shipping name**

ADR

Exemption according to 2.2.3.1.5.

IMDG

UN 1263, Paint related material, 3, III, (D/E)

UN 1263, Paint related material, 3, III, (44 °C c.c.)

"Transport in accordance with 2.3.2.5 of the IMDG code"

**14.3 Transport hazard class(es)**

ADR, IMDG

Class

3 Flammable liquids.

**14.5 Environmental hazards:**

Marine pollutant:

No

**14.6 Special precautions for user**

Warning: Flammable liquids.

**14.7 Transport in bulk according to Annex II of**

MARPOL73/78 and the IBC Code

Not applicable.

**Transport/Additional information:**

ADR

Limited quantities (LQ)

5L

Transport category

3

Tunnel restriction code

D/E

UN 'Model Regulation':

UN 1263, PAINT RELATED MATERIAL, 3, III

**SECTION 15: Regulatory Information****15.2 Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**SECTION 16: Other Information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Relevant phrases:**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

R10	Flammable
R20	Harmful by inhalation.
R21/22	Harmful in contact with skin and if swallowed.
R34	Causes burns
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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