

Printing date 19.06.2018




Version number 4

Revision: 19.06.2018

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

- **1.1 Product identifier**
- Trade name: **IKOpro Quick Dry Bitumen Primer**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
 - SU19 Building and construction work
 - SU21 Consumer uses: Private households / general public / consumers
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Bitumen Primer
- **1.3 Details of the supplier of the safety data sheet**
- **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
- **Further information obtainable from:**
 - National Poisons Information Service UK: England and Wales: 0845 4647 Scotland: 08454 24 24 24;
 - National Poisons Information Centre Ireland: +00 353 (0) 1 837 9964 or +00 353 (0) 1 809 2566. NPIS & NPIC services are provided exclusively for healthcare professionals working in NHS.
- **1.4 Emergency telephone number:** not available

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.
 - STOT SE 3 H336 May cause drowsiness or dizziness.
 - Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
 - Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **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 GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**
 - Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates
- **Hazard statements**
 - H226 Flammable liquid and vapour.
 - H336 May cause drowsiness or dizziness.
 - H304 May be fatal if swallowed and enters airways.
 - H412 Harmful to aquatic life with long lasting effects.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.06.2018

Version number 4

Revision: 19.06.2018

Trade name: IKOpro Quick Dry Bitumen Primer

(Contd. of page 1)

- **Precautionary statements**

- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271 Use only outdoors or in a well-ventilated area.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **UFI** : 8Y4M-K38C-400W-99S3

- **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture of aliphatic hydrocarbons and bitumen.

- **Dangerous components:**

EC number: 927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates	50-75%
Reg.nr.: 01-2119471843-32	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 3, H412	

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

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

- **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 needed**

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **5.2 Special hazards arising from the substance or mixture** Not applicable.

- **5.3 Advice for firefighters**

- **Protective equipment:**

Wear fully protective suit.

(Contd. on page 3)

Printing date 19.06.2018

Version number 4

Revision: 19.06.2018

Trade name: **IKOpro Quick Dry Bitumen Primer**

Wear self-contained respiratory protective device.

(Contd. of page 2)

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 material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 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

- **7.1 Precautions for safe handling** Work only in fume cupboard.
- **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.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **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 break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 4)

Printing date 19.06.2018

Version number 4

Revision: 19.06.2018

Trade name: **IKOpro Quick Dry Bitumen Primer**

(Contd. of page 3)

· Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Appearance:

- | | |
|-------------|-----------------|
| Form: | Fluid |
| Colour: | Black |
| · Odour: | Petrol-like |
| · pH-value: | Not determined. |

· Change in condition

- | | |
|---|---|
| Initial boiling point and boiling range: | 145 °C |
| · Flash point: | 24 °C |
| · Ignition temperature: | 240 °C |
| · Auto-ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · Explosion limits: | |
| Lower: | 0.5 Vol % |
| Upper: | 7.0 Vol % |
| · Vapour pressure at 20 °C: | 5 hPa |
| · Density at 20 °C: | 0.86 g/cm ³ |
| · Solubility in / Miscibility with water: | Insoluble. |
| · organic solvents: | Miscible with many organic solvents. |
| · Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | 9 - 14 mm ² /s (40°C) |
| · Solvent content: | |
| VOC (EC) | VOC limit value (cat A/h) 750 g/L 2010.
Product contains 430 g/L. |

· 9.2 Other information

No further information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.

(Contd. on page 5)

GB

Printing date 19.06.2018

Version number 4

Revision: 19.06.2018

Trade name: IKOpro Quick Dry Bitumen Primer

(Contd. of page 4)

10.6 Hazardous decomposition products:

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Splashes in the eyes may cause irritation and reversible local damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

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

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

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclic, <2% aromates

Inhalative	LC50	>4,951 mg/l (rat)
	EC50	>1,000 mg/l (fish)

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.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Harmful to aquatic organisms

Water hazard class 1 (German Regulation) (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.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

(Contd. on page 6)

Printing date 19.06.2018

Version number 4

Revision: 19.06.2018

Trade name: IKOpro Quick Dry Bitumen Primer


· **12.6 Other adverse effects** No further relevant information available.

(Contd. of page 5)

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG** UN1268
- **14.2 UN proper shipping name**
- **ADR** UN 1268, PETROLEUM PRODUCTS, N.O.S.
- **IMDG** UN 1268, Petroleum products, n.o.s., 3, III, (24°C c.c.)
- **14.3 Transport hazard class(es)**
- **ADR, IMDG**
- 
- **Class** 3 Flammable liquids.
- **Label** 3
- **14.4 Packing group**
- **ADR, IMDG** III
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Warning: Flammable liquids.
- **Danger code (Kemler):** 30
- **EMS Number:** F-E,S-E
- **14.7 Transport in bulk according to Annex II of Marpol 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":** UN1268, PETROLEUM PRODUCTS, N.O.S., 3, III

GB

(Contd. on page 7)

Printing date 19.06.2018

Version number 4

Revision: 19.06.2018

Trade name: **IKOpro Quick Dry Bitumen Primer**

(Contd. of page 6)

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 - **Directive 2012/18/EU**
 - **Named dangerous substances - ANNEX I** None of the ingredients is listed
 - **Seveso category** P5c FLAMMABLE LIQUIDS
 - **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
 - **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
 - **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
 - **National regulations:**
 - **Other regulations, limitations and prohibitive regulations**
 - **Substances of very high concern (SVHC) according to REACH, Article 57**
This product does not contain any SVHC's.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
 - H226 Flammable liquid and vapour.
 - H304 May be fatal if swallowed and enters airways.
 - H336 May cause drowsiness or dizziness.
 - H412 Harmful to aquatic life with long lasting effects.
- **Contact:** sds.europe@iko.com
- **Abbreviations and acronyms:**
 - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - VOC: Volatile Organic Compounds (USA, EU)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - SVHC: Substances of Very High Concern
 - vPvB: very Persistent and very Bioaccumulative
 - Flam. Liq. 3: Flammable liquids – Category 3
 - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 - Asp. Tox. 1: Aspiration hazard – Category 1
 - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- *** Data compared to the previous version altered.**

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