

Revision: 21/08/2017

Page: 1/16

# IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

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

1.1. Product identifier

Product name IKOPRO SPRAYFAST SELF ADHESIVE PRIMER

Product number 58800115

1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Adhesive.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier IKO PLC

APPLEY LANE NORTH APPLEY BRIDGE

WIGAN LANCASHIRE WN6 9AB

UKTECHNICAL@IKO.COM

1.4. Emergency telephone number

Emergency telephone +44 (0)1257 256864 Opening Times: 0900 - 1700 Monday to Friday

SECTION 2: Hazards identification

# 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229 Press. Gas, Compressed - H280

Health hazards Skin Irrit. 2 - H315 STOT SE 3 - H336

Environmental hazards Aquatic Chronic 2 - H411

**Human health** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. May be

slightly irritating to eyes.

Physicochemical The product is highly flammable. Vapours may form explosive mixtures with air. Vapours are

heavier than air and may travel along the floor and accumulate in the bottom of containers.

Vapours may be ignited by a spark, a hot surface or an ember.

### 2.2. Label elements

#### **Pictogram**









Signal word

Danger



Revision: 21/08/2017

Page: 2/16

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

Hazard statements H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic 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.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

P260 Do not breathe spray.

Contains CYCLOHEXANE, hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane,

ETHYL ACETATE

Supplementary precautionary

statements

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/ doctor if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

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

P405 Store locked up.

# 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

#### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

DIMETHYL ETHER 50.0%

CAS number: 115-10-6 EC number: 204-065-8 REACH registration number: 01-

2119472128-37-0000

Classification

Flam. Gas 1 - H220

Press. Gas, Liquefied - H280



Revision: 21/08/2017

**Page:** 3/16

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

CYCLOHEXANE 20.0%

CAS number: 110-82-7 EC number: 203-806-2 REACH registration number: 01-

2119463273-41-0000

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Flam. Liq. 2 - H225 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-

19.5%

hexane

CAS number: — EC number: 921-024-6 REACH registration number: 01-

2119475514-35

Classification

Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

ETHYL ACETATE 7.0%

CAS number: 141-78-6 EC number: 205-500-4 REACH registration number: 01-

2119475103-46-0017

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

ZBED (ZINC DIBENZYL DITHIOCARBAMATE)

0.9%

CAS number: 1426-36-4

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410



Revision: 21/08/2017

Page: 4/16

#### IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

0.5% **HEXANE-norm** 

CAS number: 110-54-3 EC number: 203-777-6 REACH registration number: 01-

2119480412-44

Classification

Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT RE 2 - H373 Asp. Tox. 1 - H304

Repr. 2 - H361f STOT SE 3 - H336

Aquatic Chronic 2 - H411

The full text for all hazard statements is displayed in Section 16.

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

General information Get medical attention if any discomfort continues.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and

keep warm and at rest in a position comfortable for breathing.

Ingestion Rinse mouth thoroughly with water. Get medical attention.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide

apart. Continue to rinse for at least 15 minutes. Get medical attention immediately.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact May cause temporary eye irritation.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

# SECTION 5: Firefighting measures

# 5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant

foam, carbon dioxide or dry powder.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

# 5.2. Special hazards arising from the substance or mixture

Specific hazards The product is flammable. Heating may generate flammable vapours. Protection against

nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. The product

is highly flammable.



**-** ----

**Page:** 5/16

Revision: 21/08/2017

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

Hazardous combustion

products

Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during

firefighting

Control run-off water by containing and keeping it out of sewers and watercourses. Avoid breathing fire gases or vapours. Keep upwind to avoid inhalation of gases, vapours, fumes

and smoke.

Special protective equipment

for firefighters

Wear chemical protective suit.

#### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**Wear protective clothing as described in Section 8 of this safety data sheet.

# 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the

Environmental Agency or other appropriate regulatory body. Do not discharge into drains or

watercourses or onto the ground.

# 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near

spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into

containers.

#### 6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste

disposal, see section 13.

### SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Static electricity and formation of sparks must

be prevented. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the

original container.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

# SECTION 8: Exposure Controls/personal protection

# 8.1. Control parameters

#### Occupational exposure limits

# DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m<sup>3</sup>

### **CYCLOHEXANE**



Revision: 21/08/2017

**Page:** 6/16

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 300 ppm 1050 mg/m<sup>3</sup>

#### **ETHYL ACETATE**

Long-term exposure limit (8-hour TWA): WEL 200 ppm Short-term exposure limit (15-minute): WEL 400 ppm

#### **HEXANE-norm**

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

# CYCLOHEXANE (CAS: 110-82-7)

**DNEL** Consumer - Oral; Long term systemic effects: 59.4 mg/kg bw/day

Consumer - Dermal; Long term systemic effects: 1186 mg/kg bw/day Workers - Dermal; Long term systemic effects: 2016 mg/kg bw/day

Consumer - Inhalation; Short term local effects: 412 mg/m³
Consumer - Inhalation; Short term systemic effects: 412 mg/m³
Workers - Inhalation; Short term local effects: 700 mg/m³
Workers - Inhalation; Short term systemic effects: 700 mg/m³
Consumer - Inhalation; Long term local effects: 206 mg/m³
Workers - Inhalation; Long term local effects: 700 mg/m³
Consumer - Inhalation; Long term systemic effects: 206 mg/m³
Workers - Inhalation; Long term systemic effects: 700 mg/m³

PNEC - Fresh water; 0.207 mg/l

- Sediment (Freshwater); 3.627 mg/kg

- STP; 3.24 mg/l - Soil; 2.99 mg/kg

#### hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

**Ingredient comments** WEL = Workplace Exposure Limits

**DNEL** Consumer - Oral; Long term systemic effects: 699 mg/kg bw/day

Workers - Oral; Long term systemic effects: 2035 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 699 mg/kg bw/day Workers - Dermal; Long term systemic effects: 773 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 608 mg/m³

ETHYL ACETATE (CAS: 141-78-6)

**DNEL** Workers - Inhalation; Short term systemic effects: 1468 mg/m³

Workers - Inhalation; Short term local effects: 1468 mg/m³ Consumer - Inhalation; Short term systemic effects: 734 mg/m³ Consumer - Inhalation; Short term local effects: 374 mg/m³ Workers - Inhalation; Long term local effects: 734 mg/m³

Workers - Dermal; Long term systemic effects: 63 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 734 mg/m³ Consumer - Dermal; Long term systemic effects: 37 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 367 mg/m³ Consumer - Oral; Long term systemic effects: 4.5 mg/kg bw/day

Consumer - Inhalation; Long term local effects: 367 mg/m<sup>3</sup>



Page: 7/16

Revision: 21/08/2017

# IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

**PNEC** - Fresh water; 0.26 mg/l

> - Marine water; 0.026 mg/l - Intermittent release; 1.65 mg/l - Sediment (Freshwater); 1.25 mg/kg - Sediment (Marinewater); 0.125 mg/kg

- Soil; 0.24 mg/kg - STP; 650 mg/l

### 8.2. Exposure controls

### Protective equipment











Appropriate engineering

controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body

protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash contaminated clothing before reuse. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Wear a

respirator fitted with the following cartridge: Gas filter, type AX.

**Environmental exposure** 

controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### **SECTION 9: Physical and Chemical Properties**

#### 9.1. Information on basic physical and chemical properties

**Appearance** Aerosol.

Colour Various colours.

Odour Ether.

Odour threshold Not applicable. рH Not applicable.

Melting point Estimated value. -141.5°C

Initial boiling point and range Estimated value. -24.8°C @ 1013 hPa

Flash point Estimated value. -41°C

**Evaporation rate** Not determined. **Evaporation factor** Not applicable.



Page: 8/16

Revision: 21/08/2017

# IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

Flammability (solid, gas) Not applicable.

Upper/lower flammability or

explosive limits

Estimated value. : 3.3%-26.2%

Other flammability Not applicable.

Vapour pressure Estimated value. 5132,9 hPa @ 25°C

Vapour density

Not applicable.

Relative density

1.10 @ 20°C

Bulk density Not applicable.

Solubility(ies) Estimated value. 45.6 g/l water @ 25°C

Partition coefficient Estimated value. Pow: 0.07

**Auto-ignition temperature** Estimated value. 226°C

**Decomposition Temperature** Not applicable.

Viscosity Kinematic viscosity > 20.5 mm<sup>2</sup>/s.

**Explosive properties** Not applicable.

Explosive under the influence

of a flame

Not considered to be explosive.

Oxidising properties Not applicable.

**Comments** Information given is applicable to the product as supplied.

9.2. Other information

Other information No information required.

Refractive index

Particle size

Not applicable.

Molecular weight

Not applicable.

Volatility

Not applicable.

Saturation concentration Not applicable.

Critical temperature Not applicable.

# SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability No particular stability concerns. Stable at normal ambient temperatures and when used as

recommended.

# 10.3. Possibility of hazardous reactions

Possibility of hazardous

Not applicable. Not relevant.

reactions

# 10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.



- -

**Page:** 9/16

Revision: 21/08/2017

#### IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of

nitrogen.

# SECTION 11: Toxicological information

# 11.1. Information on toxicological effects

Acute toxicity - dermal

**ATE dermal (mg/kg)** 10,000.0

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Moderately irritating.

Respiratory sensitisation

Respiratory sensitisation Sensitising.

Carcinogenicity

Target organ for carcinogenicity

No specific target organs known.

Reproductive toxicity

Reproductive toxicity -

development

This substance has no evidence of toxicity to reproduction.

# Specific target organ toxicity - repeated exposure

STOT - repeated exposure Morphological changes that are potentially reversible but provide clear evidence of marked

organ dysfunction.

Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

**Inhalation** Irritating to respiratory system.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Irritating to skin.

**Eye contact** Irritation of eyes and mucous membranes.

Route of entry Inhalation Skin and/or eye contact

**Medical symptoms** Irritation of eyes and mucous membranes.

#### Toxicological information on ingredients.

# DIMETHYL ETHER

Acute toxicity - inhalation

Acute toxicity inhalation 164,000.0

(LC<sub>50</sub> gases ppmV)

Species Rat



Revision: 21/08/2017

Page: 10/16

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

ATE inhalation (gases

ppm)

164,000.0

**CYCLOHEXANE** 

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

5,000.0

Rat

**Species** 

ATE oral (mg/kg) 5,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0

mg/kg)

**Species** Rabbit

ATE dermal (mg/kg) 2,000.0

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

**Toxicological effects** No information available.

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

5,840.0

**Species** Rat

Notes (oral LD₅₀) Not known. Data lacking.

ATE oral (mg/kg) 5,840.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,920.0

mg/kg)

**Species** Rat

Notes (dermal LD50) Data lacking.

ATE dermal (mg/kg) 2,920.0

Acute toxicity - inhalation

Acute toxicity inhalation

(LC50 vapours mg/l)

25.2

25.2

**Species** Rat

ATE inhalation (vapours

mg/l)

Skin corrosion/irritation

Animal data Data lacking.

Serious eye damage/irritation



Revision: 21/08/2017

Page: 11/16

# IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

Serious eye

damage/irritation

Data lacking.

Aspiration hazard

Aspiration hazard Kinematic viscosity > 20.5 mm<sup>2</sup>/s.

Inhalation May cause respiratory system irritation.

Ingestion May cause stomach pain or vomiting.

Skin contact Irritating to skin.

Eye contact May cause severe eye irritation.

Acute and chronic health

hazards

Vapour from this product may be hazardous by inhalation.

Route of entry Inhalation Skin absorption Ingestion. Skin and/or eye contact

No specific target organs known. **Target organs** 

Medical symptoms Gas or vapour in high concentrations may irritate the respiratory system. Symptoms

following overexposure may include the following: Headache. Fatigue. Nausea,

vomiting.

Medical considerations No information available.

ETHYL ACETATE

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

4,100.0

**Species** Mouse

ATE oral (mg/kg) 4,100.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 20,000.0

mg/kg)

**Species** Rabbit

ATE dermal (mg/kg) 20,000.0

Acute toxicity - inhalation

Acute toxicity inhalation

(LC<sub>50</sub> vapours mg/l)

30.0

**Species** Rat

ATE inhalation (vapours

mg/l)

30.0

**HEXANE-norm** 

Acute toxicity - inhalation

Acute toxicity inhalation (LC50 vapours mg/l)

17.6



Revision: 21/08/2017

**Page:** 12/16

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

ATE inhalation (vapours

mg/l)

17.6

SECTION 12: Ecological Information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

Ecological information on ingredients.

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

**Ecotoxicity** Dangerous for the environment.

12.1. Toxicity

Acute toxicity - fish LC50, 96 hours: > 1000 mg/l, Freshwater fish

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: >500 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: ~ 1640 mg/l, Scenedesmus subspicatus

Ecological information on ingredients.

**CYCLOHEXANE** 

Acute aquatic toxicity

**LE(C)**<sub>50</sub>  $0.1 < L(E)C50 \le 1$ 

M factor (Acute) 1

Acute toxicity - fish LC<sub>o</sub>, 96 hours: 4.53 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC<sub>0</sub>, 48 hours: 0.9 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

ICo, 72 hours: 3.4 mg/l, Fish

Acute toxicity -

microorganisms

EC₅o, 20 hours: 29 mg/l, Bacteria

Chronic aquatic toxicity

M factor (Chronic)

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Acute toxicity - fish LCo, hours: >1-<10 mg/l, Algae

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 3 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

LC₀, hours: >1-<10 mg/l, Fish

**ETHYL ACETATE** 

Acute toxicity - fish EC<sub>50</sub>, 48 hours: 610 mg/l, Algae

LC<sub>50</sub>, 96 hours: 230 mg/l, Algae



Page: 13/16

Revision: 21/08/2017

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 11.5 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC<sub>50</sub>, 48 hours: 5600 mg/l, Fish

ZBED (ZINC DIBENZYL DITHIOCARBAMATE)

Acute aquatic toxicity

**LE(C)**<sub>50</sub>  $0.1 < L(E)C50 \le 1$ 

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

HEXANE-norm

Acute toxicity - fish LC<sub>50</sub>, EC<sub>50</sub>, IC<sub>50</sub>, : 10 mg/l, Algae

Acute toxicity - aquatic

invertebrates

LC₅o, EC₅o, IC₅o, : 10 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

LC<sub>50</sub>, EC<sub>50</sub>, IC<sub>50</sub>, : 10 mg/l, Fish

12.2. Persistence and degradability

Persistence and degradability The product is not readily biodegradable.

**Stability (hydrolysis)** Reacts with water.

**Biological oxygen demand** < 10 g O<sub>2</sub>/g substance

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient Estimated value. Pow: 0.07

Ecological information on ingredients.

CYCLOHEXANE

Bioaccumulative potential BCF: 167,

ETHYL ACETATE

Bioaccumulative potential BCF: 30,

Partition coefficient Not available.

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all

surfaces.

Ecological information on ingredients.

ETHYL ACETATE

Mobility The product contains volatile organic compounds (VOCs) which will evaporate

easily from all surfaces.



Page: 14/16

Revision: 21/08/2017

IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

# 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

assessment

Ecological information on ingredients.

# **ETHYL ACETATE**

**Results of PBT and vPvB** This product does not contain any substances classified as PBT or vPvB. assessment

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

# ETHYL ACETATE

Other adverse effects Not known.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site

in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods**Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority.

# SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 3501

UN No. (IMDG) 3501

UN No. (ICAO) 3501

**UN No. (ADN)** 3501

# 14.2. UN proper shipping name

Proper shipping name

CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (contains Dimethyl Ether)

(ADR/RID)

Proper shipping name (IMDG) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (contains Dimethyl Ether)

Proper shipping name (ICAO) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (contains Dimethyl Ether)

Proper shipping name (ADN) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (contains Dimethyl Ether)

# 14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 8F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1



Revision: 21/08/2017

**Page:** 15/16

# IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

# Transport labels



# 14.4. Packing group

# 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Emergency Action Code 2YE

**Hazard Identification Number** 

(ADR/RID)

Tunnel restriction code (B/D)

# 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

23

### SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as

amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009

No. 716).

Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

**Guidance** The spraying of flammable liquids HSG178.

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Issued by Compliance

Revision date 21/02/2017

Revision 22

SDS number 20427



Revision: 21/08/2017

**Page:** 16/16

#### IKOPRO SPRAYFAST SELF ADHESIVE PRIMER (Red)

Hazard statements in full H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness. H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.

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.

Store Between 5'c - 25'c

Contains SVHC NO

# Version History.

Version 1.0 June 1st 2015 New release for Classifiaction, Labelling Packaging Regulations

Verison 2 August 21st 2017 Revised Specification, removal of DPD and R Phrases