

Product Information Sheet

according to 1907/2006/EC, Article 31 and 2015/830

K-FLEX K-FINISH PAINT

1 IDENTIFICATION OF THE ARTICLE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product Identifier
Article/Mixture identification:
Trade name: K-FINISH
Trade code: isol002r
- 1.2 Relevant identified uses of the article/mixture and uses advised against
Recommended use:
Hydrophobic elastomeric water paint, for interiors and exteriors based copolymers acrylics, titanium dioxide, micronized charged and additives.
- 1.3 Details of the supplier of the information sheet
Company:
L'isolante K-Flex SpA
Via Leonardo da Vinci 36, 20877. Roncello, MB, Italy
Phone: +39 039 68 24.1
Competent person responsible for the information sheet:
Kflex-Reach@isolante.com
- 1.4 Emergency telephone number
Phone: +39 039 68 24.1 (9:00 – 17:00 hours)
In case of accident, locate the nearest antipoison centres in the following link:
WHO <http://apps.who.int/poisoncentres/>

2 HAZARDS IDENTIFICATION

- 2.1 Classification of the article
The product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EEC (And subsequent amendments and supplements)
- 2.2 Label elements
This product is not subject to hazard labeling pursuant to Directives 67/548/EEC and 1999/45/EEC and subsequent amendments and supplements
Warning symbols: None
Hazard sentences (R): None
Caution recommendations (S): None
- 2.3 Other hazards
Information not available

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3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Information non relevant

3.2 Article/Mixtures

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments)

4 FIRST AID MEASURES

4.1 Description of first aid measures

Not specifically necessary. It is recommended in all cases respect the rules of good industrial hygiene

4.2 Most important symptoms and effects, both acute and delayed

No episodes of damage to health ascribable to the product have been reported

4.3 Indication of any immediate medical attention and special treatment needed

Information not available

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

SUITABLE EXTINGUISHING

The fire fighting to the conventional kind: carbon dioxide, foam, dust and water spray

EXTINGUISHING MEDIA NOT SUITABLE

None in particular

5.2 Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Avoid breathing products of combustion

5.3 Advice for fire-fighters

GENERAL INFORMATION

Cool down with water jets the containers to prevent product decomposition and the development of substances

Potentially hazardous to health. Always wear full fire prevention.

Collect extinguishing water to prevent it from draining into the drain. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

EQUIPMENT

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Normal clothing to fight the fire, like a compressed air breathing apparatus open circuit (EN 137), full flame retardant (EN 469), flame-resistant gloves (EN 659) and boots for firefighters (HO A29 or A30)

6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures
Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures
- 6.2 Environmental precautions
Prevent product from entering the sewers, surface water, ground water and neighboring areas
- 6.3 Methods and material for containment and cleaning up
Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provision set forth in point 13
- 6.4 Reference to other sections
Any information on personal protection and disposal is given in sections 8 and 13

7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling
Handle the product after consultation with all other sections of this sheet. Do not eat, or drink, or smoke during use
- 7.2 Conditions for safe storage, including any incompatibilities
Normal storage conditions without particular incompatibilities
- 7.3 Specific end use(s)
Information not available

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters
Information not available
- 8.2 Exposure controls
Observance of safety measures used in handling chemical substances
RESPIRATORY PROTECTION
Non required
EYE PROTECTION
Non required
HAND PROTECTION

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Non required
SKIN PROTECTION
Non required

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance liquid
Color RAL
Smell characteristic
Odour Threshold Not applicable
pH 8.5
Melting or freezing Not applicable
Initial Boiling Point 100 ° C
Boiling Range Not applicable
Flash point > 61 ° C
Evaporation rate Not available
Flammability of solids and gases Not applicable
Lower flammability limit Not applicable
Upper limit flammability Not applicable
Lower explosive limit Not applicable
Upper explosive limit Not applicable
Vapor Pressure Not applicable
Vapor density Not applicable
Specific weight 1.39 to 1.43 kg/l
Solubility Water-miscible
Partition coefficient: n-octanol/water <0
Auto-ignition temperature Not applicable
Decomposition temperature Not applicable
Viscosity 6000 - 8000 mPas testing
Explosive properties Not available
Oxidizing properties Not applicable

9.2 Other information

Dry leftover 66.00%

10 STABILITY AND REACTIVITY

10.1 Reactivity

There are no particular risks of reaction with other substances in normal conditions of use

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10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

In normal conditions of use and storage are unpredictable hazardous reactions

10.4 Conditions to avoid

None in particular. However follow the usual precautions against chemicals

10.5 Incompatible materials

Information not available

10.6 Hazardous decomposition products

Information not available

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

According to currently available data, this products has no yet produced health damages. Anyway, it must be handled to good industrial practices

Information not available

12 ECOLOGICAL INFORMATION

12.1 Toxicity

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do no contaminate soil, sewer and waterways. Inform the competent authorities, should the product reach waterway or sewer or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

Information not available

12.2 Persistence and degradability

Information not available

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB assessment

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Based on the available data, the product does not contain PBT or vPvB percentage greater than 0.1%

12.6 Other adverse effects
Information not available.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Reuse, when possible. The residues of the product as such should be considered nonhazardous waste. Disposal must be performed through an authorized waste management firm, in compliance national and local regulations

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations

14 TRANSPORT INFORMATION

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing Group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special Precautions for User

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Non relevant information.

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the article/mixture

Seveso category. None

Restrictions relating to the product or contained substances pursuant to Annex XVII to

Regulation (EC) 1907/2006N

None

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Substances in Candidate List (Art. 59 REACH)

None

Substances subject to authorization (Annex XIV REACH)

None

Substances subject to export reporting pursuant to (EC) Reg. 689/2008

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2 Chemical Safety Assessment

No chemical safety assessment has been processed for the mixture and the substance it contains

16 OTHER INFORMATION

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for Dangerous Goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier number in Annex VI of the CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted Environmental Concentration
- PEL: Predicted no effect concentration
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006

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- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration tath should not be exceeded during any time of occupational exposure
- TWA STEL: Short-term Exposure Limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile Organic Compounds
- vPvB: Very persistent and very Bioaccumulative as for REACH Regulation

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EC and following amendments and adjustments
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8. Handling Chemical Safety
9. NIOSH - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7 1989 Edition
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