

Product Information Sheet

in accordance with Regulation (CE) n.1907/2006 (REACH)

K-FINISH

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 substance of mixture:
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

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

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- 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
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
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

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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
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 |
| 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%

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10. STABILITY AND REACTIVITY

- 10.1. Reactivity
There are no particular risks of reaction with other substances in normal conditions of use
- 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

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

- 11.1. Information on toxicological effects
Information not available

12. ECOLOGICAL INFORMATION

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.

- 12.1. Toxicity
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
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 non-hazardous 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

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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. Standards and legislation on health, safety and environment specific to the substance or mixture
Seveso category. None
Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006N
None
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)

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- 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
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that 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
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 709/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. – 10th edition
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
13. ECHA website

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Note for users:

The information in this sheet are based on our knowledge on the date of the last version.

Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specif product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.

The producer is relieved from any liability arising from improper uses.