

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

KEMACRYL

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

1.1 Product identifier

Trade name: KEMACRYL

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

Recommended Use: Polymer dispersion

1.3 Details of the supplier of the Safety Data Sheet:

KEMA d.o.o.,
Puconci 393, 9201 Puconci, Slovenija
T: +386 (0)2 545 95 00, F: +386 (0)2 545 95 10
Technical consulting: +386 (0)2 545 95 28, +386 (0)2 545 95 73
I: www.kema-on.net | E: info@kema.siE-mail address of person responsible
for Safety Data Sheets:

1.4 Emergency telephone number:

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Labelling according to Regulation (EC) No 1272/2008
[CLP]:

Classification of the substance/preparation:

Preparation is not classified as dangerous in
accordance with Directive 1999/45/ES and their
supplementations.

Danger for human:

Softly irritating to eyes and skin.

Danger for environment:

Do not allow to penetrate into water, ground water
or sewers.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Pictograms:

Signal word:

Supplemental Hazard information (EU):

2.3 Other hazards:

SECTION 3: Composition/information on ingredients

3.1 Substance:

3.2 Mixtures:

Description of the mixture: Water dispersion of organic co-polymers.

Hazardous ingredients:

Other information:

It doesn't contain dangerous components above upper limits of EU
directive.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

Following inhalation:

No special hazard.

Following skin contact:

Put contaminated clothes away and wash contaminated skin by
plenty of water.

Following eye contact:

Wash out (rinse) immediately by plenty of clean water for 15
minutes and then see a doctor.

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

Following ingestion:

Avoid vomiting. Immediately wash out the mouth and drink plenty of water and see the doctor.

Self-protection of the first aider:

4.2 Most important symptoms and effects, both acute and delayed:

4.3 Indication of any immediate medical attention and special treatment needed:

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: None. Non-combustible water dispersion.

Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance or mixture:

Hazardous combustion products:

5.3 Advice for firefighters

Special protection equipment for fire fighters:

Additional instructions:

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use appropriate protective gloves, respectively goggles and boots.

For non-emergency personnel:

For emergency responders:

6.2 Environmental precautions:

Removed from water bodies, reservoirs, sewage system or ground water.

6.3 Methods and material for containment and cleaning up:

For containment:

For cleaning up:

Large quantities to steam and soak up in correctly labelled containers. Soak up with inert absorbent material and dried residues remove mechanical.

Other information:

6.4 Reference to other sections:

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures: Follow general precautions for safe handling of chemicals.

Measures to prevent fire:

Measures to prevent aerosol and dust generation:

Measures to protect the environment:

Advice on general occupational hygiene:

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

In closed container, protect from freezing and temperatures above 30°C.

Packaging materials:

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

Requirements for storage rooms and vessels:

Storage class:

Further information on storage conditions:

7.3 Specific end use(s):

Special uses:

Informations are not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational Exposure limit values

Information on monitoring procedures:

DNEL

Environmental protection target:

PNEC

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Substance/mixture related measures to prevent exposure during identified uses:

Structural measures to prevent exposure:

Exposure limit values: /

Exposure controls:

a) Occupational exposure controls:

Collective protection measures: Use personal protective equipment .

Personal protection equipment:

-Respiratory protection: Not necessary.

-Hand protection: Protective gloves (rubber gloves).

-Eye protection: Safety goggles.

-Skin protection: Protective clothing.

b) Environmental exposure controls: No recommendations.

Eye and face protection:

Skin protection:

Hand protection:

Other skin protection:

Respiratory protection:

8.2.3 Environmental exposure controls:

:

SECTION 9: Physical and chemical attributes

9.1 Information on basic physical and chemical properties

Appearance: Liquid

Odour: Characteristic

Odour threshold:

pH: 8-10

Melting point / freezing point:

Initial boiling point and boiling range:

Flash point:

Evaporation rate:

Flammability (solid, gas):

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

Upper/lower flammability or explosive limits

Lower:

Upper:

Vapour pressure:

Vapour density: 1,020-1,025 kg/dm³

Relative density:

Solubility(ies):

Partition coefficient: n-octanol/water:

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Explosive properties:

Oxidising properties:

9.2 Other Information:

SECTION 10: Stability and reactivity

10.1 Reactivity:

10.2 Chemical stability:

10.3 Possibility of hazardous reactions:

10.4 Conditions to avoid:

Prevent uncontrolled access materials, which react with water.

10.5 Incompatible materials:

10.6 Hazardous decomposition products:

Stability:

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

Materials to avoid:

Not known.

Hazardous decomposition products:

Not known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Inhalation:

Ingestion:

Dermal:

Skin corrosion/irritation:

Serious eye damage/irritation:

Respiratory or skin sensitisation:

Germ cell mutagenicity:

Carcinogenicity:

Reproductive toxicity:

Summary of evaluation of the CMR properties:

STOT-single exposure:

STOT-repeated exposure:

Aspiration hazard:

Other Information:

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

Additional information:

According to our experience and information which are available at the recommended application and consider to appropriate protective measures are not expected adverse on health.

SECTION 12: Ecological information

12.1 Toxicity:

Do not allow product to reach ground water, water bodies or sewage system.

Acute (short-term) toxicity:

Fish:

Crustacea:

Algae/aquatic plants:

Other organisms:

Chronic (long-term) toxicity:

Fish:

Crustacea:

Algae/aquatic plants:

Other organisms:

12.2 Persistence and degradability:

Abiotic Degradation:

Physical- and photo-chemical elimination:

Biodegradation:

12.3 Bioaccumulative potential:

Partition coefficient n-octanol /water (log Kow):

Bioconcentration factor (BCF):

12.4 Mobility in soil:

12.5 Results of PBT and vPvB assessment:

12.6 Other adverse effects:

12.7 Other information:

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product / Packaging disposal:

Waste codes / waste designations according to LoW:

Waste treatment-relevant information:

Sewage disposal-relevant information:

Other disposal recommendations:

Handle in accordance with regulations: left to an authorized collector/remover/processor of hazardous waste.

Disposal (waste) packaging:

Handle in accordance with regulations. Completely emptied and cleaned packaging left to an authorized collector/remover/processor of hazardous waste.

SECTION 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN Number				
14.2 UN proper shipping name				
14.3 Transport hazard class(es)				

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

14.4 Packing group				
14.5 Environmental hazards				
14.6 Special precautions for user				

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code":

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

EU regulations:

Authorisations and/or restrictions on use:

Other EU regulations:

Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline):

Restrictions of occupation:

Water hazard class:

Labelling:

The product does not require special markings in accordance with EC Directive or National legislation.

According to regulations:

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006
- Chemicals Act (official gazette, number 110/2003, 47/2004, 16/2008)
- Rules on the classification, packaging and labelling of dangerous substances (official gazette, number 35/2005, 54/2007)
- Rules on the classification, packaging and labelling of dangerous preparations (official gazette, number 67/2005, 137/2006)
- Decree on waste management (official gazette, number 34/2008)
- Decree on the management of packaging and packaging waste (official gazette, number 84/2006, 106/2006, 110/2007)
- Decision on the publishing of the Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (official gazette, number 9/2007)
- Rules on the protection of workers from risks related to exposure to chemical substances at work (official gazette, number 100/2001, 39/2005, 53/2007)

SECTION 16: Other Information

Reason for change:

Further information:

Source for safety data sheet:

Safety data sheet is harmonize with annex II Regulation (EC) No 1907/2006.

The above information is based on our knowledge and experience and refer to the product in the state in what is delivered. The purpose of the information is to describe our product in relation to the safety requirements. Entries do not represent assurance the properties of the product in legal terms. Responsibility of the customer's is to know and take into account the legal provisions in relation to transport and use of the product. The characteristics of the product described in the technical information.