

# EU-SAFETY DATA SHEET

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

## KEMASAN COLOR

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

#### 1.1 Product identifier

Trade name: KEMASAN COLOR

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

Recommended Use: Silicate paint for KEMASAN systems

#### 1.3 Details of the supplier of the Safety Data Sheet:

Murexin d.o.o.,  
PuconciXX 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.si | E: info@murexin.si

E-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

Classification according to Regulation (EC) No. 1272/2008:

#### 2.2 Label elements

Classification according to Regulation (EC) No. 1272/2008

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:

Hazardous ingredients:

Other information:

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General notes:

Following inhalation:

Following skin contact:

Following eye contact:

Following ingestion:

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:

Unsuitable extinguishing media:

#### 5.2 Special hazards arising from the substance or mixture:

Hazardous combustion products:

#### 5.3 Advice for firefighters

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Special protection equipment for fire fighters:

Additional instructions:

### SECTION 6: Accidental release measures

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

For non-emergency personnel:

For emergency responders:

#### 6.2 Environmental precautions:

#### 6.3 Methods and material for containment and cleaning up:

For containment:

For cleaning up:

Other information:

#### 6.4 Reference to other sections:

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Protective measures:

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:

Packaging materials:

Requirements for storage rooms and vessels:

Storage class:

Further information on storage conditions:

#### 7.3 Specific end use(s):

### 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:

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:

Odour:

Odour threshold:

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pH:

Melting point / freezing point:

Initial boiling point and boiling range:

Flash point:

Evaporation rate:

Flammability (solid, gas):

Upper/lower flammability or explosive limits

Lower:

Upper:

Vapour pressure:

Vapour density:

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:

### 10.5 Incompatible materials:

### 10.6 Hazardous decomposition products:

## 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:

## SECTION 12: Ecological information

### 12.1 Toxicity:

Acute (short-term) toxicity:

Fish:

Crustacea:

Algae/aquatic plants:

Other organisms:

Chronic (long-term) toxicity:

Fish:

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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:

## SECTION 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
<b>14.1 UN Number</b>				
<b>14.2 UN proper shipping name</b>				
<b>14.3 Transport hazard class(es)</b>				
<b>14.4 Packing group</b>				
<b>14.5 Environmental hazards</b>				
<b>14.6 Special precautions for user</b>				

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

## 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:

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

Restrictions of occupation:

Water hazard class:

<b>SECTION 16: Other Information</b>
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Reason for change:

Further information: