

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



75075 Dispersion K 52

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Revised edition: 16.02.2018

Version: 1.2

Printed: 16.07.2019

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Dispersion K 52

Article No.: 75075

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

*Raw material
Industrial application*

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

E-Mail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

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

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

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

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

EUH208: Can cause allergic reactions.

Contains: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-

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isothiazol-3-one (3:1), 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one: can cause allergic reactions.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Aqueous dispersion of acrylic acid ester polymer.

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes.

After inhalation:

Supply fresh air and seek medical advice in case of complaints.

After skin contact:

Remove contaminated clothing. Wash off immediately with plenty of water and soap.

If symptoms persist, consult a physician.

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

Rinse mouth with water and drink plenty of water.

Do not induce vomiting.

If symptoms persist consult physician.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

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In case of fire: formation of carbon oxides, sulfur oxides.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Cool exposed containers with water mist.

Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

*Wear appropriate protective equipment. Keep spectators away.
Avoid contact with eyes and skin.*

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid contact with eyes and skin.

Hygienic measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry room.

Do not store above 30°C.

Protect from frost.

Protect product from impurities.

Requirements for storage areas and containers:

Suitable container material: polyethylene, coated steel.

Water law provisions have to be met.

Information on fire and explosion protection:

No special measures necessary.

Storage class:

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12; Non-combustible liquids (TRGS 510)

Further Information:

In case the product is exposed to cold temperature and thickens resp. freezes, thaw slowly at room temperature, stir it. Product can be used afterwards.

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.

Personal Protection

General protective measures:

*Remove contaminated clothing immediately.
Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.
Avoid contact with eyes and skin.*

Respiratory protection:

None required under normal operating conditions.

Hand protection:

Protective gloves (EN 374)

Protective gloves. The glove material has to be impermeable and resistant to the product / substance / preparation.

Protective glove material:

Nitrile rubber (480 min, 0.4 mm)

Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.

Eye protection:

Safety glasses (EN 166)

Body protection:

Protective clothing.

Environmental precautions:

Avoid contamination of sewage system, open water ways and

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ground water.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form:	<i>liquid</i>
Color:	<i>transparent</i>
Odor:	<i>weak, characteristic</i>
Odor threshold:	<i>No information available.</i>
pH-Value:	<i>6.5 - 7.5</i>
Melting temperature:	<i>not determined</i>
Boiling temperature:	
Flash point:	<i>not applicable</i>
Evaporation rate:	<i>No information available.</i>
Flammability (solid, gas):	<i>not flammable</i>
Upper explosion limit:	<i>no information available</i>
Lower explosion limit:	<i>no information available</i>
Vapor pressure:	<i>23 hPa (H₂O; 20°C)</i>
Vapor density:	<i>No information available.</i>
Density:	<i>0.9 - 1.1 g/cm³ (20°C)</i>
Solubility in water:	<i>miscible</i>
Coefficient of variation (n-Octanol/Water):	<i>not determined</i>
Auto-ignition temperature:	<i>Product is not auto-ignitable.</i>
Decomposition temperature:	
Viscosity, dynamic:	<i>10 - 200 mPa.s</i>
Explosive properties:	<i>Product does not present an explosion hazard.</i>
Oxidizing properties:	<i>No information available.</i>
Bulk density:	

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not applicable

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Water: ~ 71 %

Solid content:

~ 29 %

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

Stable at room temperature.

10.2. Chemical Stability

The product is stable.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

10.5. Incompatible Materials

Substances which react with water. Hydrides.

10.6. Hazardous Decomposition Products

Carbon monoxide and dioxide.

Sulphur oxides (SO_x).

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

No information available.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

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Non-irritating to eyes

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

In vitro genetic-toxicity: Ames-Test negative

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects. The product is not subject to classification according to latest version of the General EU Classification Guidelines for Preparations.

12. Ecological Information

12.1. Aquatic Toxicity

No information available.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

Not biodegradable.

Can be eliminated from water by chemical adsorption.

12.3. Bioaccumulation

No bioaccumulation.

12.4. Mobility

12.5. Results of PBT- und vPvP Assessment

This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.

12.6. Other Adverse Effects

Water hazard class:

Behaviour in sewage systems:

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Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

The waste code is determined according to the kind of waste and industry stated in the European Waste Catalogue.

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

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14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

14.8. Further Information

Keep from freezing.

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water (according to the German Regulation AwSV)

Local regulations on chemical accidents:

Not listed.

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15.3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.