

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date: 05.02.2009

Revision: 07.01.2009

1 Identification of substance

- **Product details**

- **Trade name** **ACRYSTAL SOFT**

- **Article number:** 135113

- **Application of the substance / the preparation**

Liquid component of ACRYSTAL materials. Be used exclusively with ACRYSTAL powders.

- **Manufacturer/Supplier:**

ACRYSTAL Sàrl

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FRANCE

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- **Informing department:** Acrystal Sàrl - E-mail : info@acrystal.fr

- **Emergency information:** ACRYSTAL Sàrl, Tel : +33 (0)3.88.45.10.62

2 Hazards identification

- **Hazard designation:** Void

- **Information pertaining to particular dangers for man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Dispersion of acrylic copolymer

- **Dangerous components:**

Benzoate esters

1.0-2.5%

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- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information** No special measures required.

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- **After skin contact** Rinse with warm water.

- **After swallowing** Do not induce vomiting; instantly call for medical help.

5 Fire fighting measures

- **Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- **Protective equipment:**

Wear full protective suit.

Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.

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- **Measures for environmental protection:**
Do not allow product to reach sewage system or water bodies.
Dilute with much water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store between +5°C and +30°C.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Protect from frost.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact gloves made of the following materials are suitable:** PVC gloves
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

- **General Information**

Form: liquid
Colour: white

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- Odour:** characteristic
- **Change in condition**
 - Melting point/Melting range:** not determined
 - Boiling point/Boiling range:** 100°C
 - **Flash point:** not applicable
 - **Self-inflammability:** Product is not self-inflammable.
 - **Danger of explosion:** Product is not explosive.
 - **Vapour pressure at 20°C:** 23 hPa
 - **Density at 20°C:** 1 g/cm³ (DIN 51757)
 - **Solubility in / Miscibility with Water:** miscible
 - **pH-value at 20°C:** 6.5
 - **Viscosity:**
 - dynamic at 20°C:** 40 - 80 mPas (Brookfield)
 - **Solvent content:**
 - Organic solvents:** 0.0 %
 - Water:** 49 - 43 %
 - **Total solids:** 47 - 51 %

10 Stability and reactivity

- **Conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** With appropriate storage conditions and handling: none.
- **Dangerous products of composition:**
In case of fire:
carbon monoxide and carbon dioxide

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** Can cause a temporary irritation, in the event of accidental projection.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:**
 - Water hazard class 1 (Self-assessment): slightly hazardous for water.
 - Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue**
08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00 wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 16 aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Classification according to EC-regulations:** The product is not subject to identification regulations under EC Directives.
- **Special designation of certain preparations:**
Safety data sheet available for professional user on request.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Department issuing data specification sheet:** Acrystal Sàrl, E-mail: info@acrystal.fr
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