

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

1.1 **Product identifier:** Cranfield Acrylic Glazing Medium
Product Codes: 3181, 0609

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

Relevant identified uses: Professional users only. Medium for Acrylic Paints

1.3 Details of the supplier of the safety data sheet

COMPANY IDENTIFICATION

Cranfield Colours Ltd,
44-47 Springvale Estate,
Cwmbran NP44 5BB, Wales UK

email: hello@cranfield-colours.co.uk
website: www.cranfield-colours.co.uk

1.4 Emergency telephone number

+ 00 44 (0)1633 861421 Office Hours Only. This is NOT a Poison center.

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

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

Not classified according to EC and GHS criteria for this product.

2.2. Label elements

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

Labeling of special preparations (GHS):

Contains: MIXTURE OF: 5-CHLORO-2-METHYL-4- ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

EUH208: May produce an allergic reaction.

2.3. Other hazards

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

No specific dangers known, if the regulations/notes for storage and handling are considered.

SECTION 3: Composition/Information on Ingredients

3.2 Mixtures

Proprietary blend of Acrylic Polymers

Any components with hazardous classifications are under the reportable limit

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

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

Symptoms: No significant reaction of the human body to the product known.

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media Suitable extinguishing media: water spray, dry powder, foam

5.2. Special hazards arising from the substance or mixture

harmful vapors'

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

5.3. Advice for fire-fighters

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

6.2. Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion: No special precautions necessary.

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Ensure good ventilation/exhaustion at the workplace. Harmful vapor's will collect in the container headspace. Avoid extremes of temperature, especially frost and freezing conditions.

Storage stability:

Storage temperature: 0 - 40 °C

Protect from temperatures below: 0 °C

Protect from temperatures above: 40 °C

7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

8.2. Exposure controls

Personal protective equipment

Respiratory protection: Not required.

Hand protection: Chemical resistant protective gloves (EN 374)

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other Supplementary note: Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

Environmental exposure controls

For information regarding environmental exposure controls, see Section 6.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form:	liquid
Colour	slightly yellow
Odour:	characteristic
Odour threshold:	No applicable information available.
pH value:	approx. 8.0
Freezing point:	0 °C
	Information applies to the solvent.
Boiling temperature:	approx. 100 °C

Acute toxicity

Experimental/calculated data:

LD50 rat (oral): > 5,000 mg/kg

LC50 rat (by inhalation): 4 h not determined

LD50 rat (dermal): not determined

Irritation

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant (-Test)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Serious eye damage/irritation rabbit: non-irritant (-Test)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Respiratory/Skin sensitization

Experimental/calculated data:

Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)

The product has not been tested. The statement has been derived from the properties of the individual components.

Germ cell mutagenicity

Assessment of mutagenicity: No data available

Carcinogenicity

Assessment of carcinogenicity: No data available.

Reproductive toxicity

Assessment of reproduction toxicity: No data available.

Developmental toxicity

Assessment of teratogenicity: No data available.

Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Repeated oral uptake of the substance did not cause substance-related effects. Repeated inhalative uptake of the substance did not cause substance-related effects. Repeated dermal uptake of the substance did not cause substance-related effects.

The product has not been tested. The statement has been derived from the properties of the individual components.

Aspiration hazard

No aspiration hazard expected.

SECTION 12: Ecological Information

The product itself has not been tested. Based on similar mixtures the following data is provided:

12.1. Toxicity

Toxicity to fish:

LC50 (96 h) > 100 ppm, Fish

Aquatic invertebrates:

EC50 (48 h) > 100 mg/l, Daphnia magna (Screening (style of OECD 202), static)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aquatic plants: EC50 (72 h), algae No data available.

Microorganisms/Effect on activated sludge:

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Chronic toxicity to fish: No data available

Chronic toxicity to aquatic invertebrates: No data available

Assessment of terrestrial toxicity: No data available

12.2. Persistence and degradability

Assessment biodegradation and elimination (H₂O):

The polymer component of the product is poorly biodegradable.

12.3. Bioaccumulative potential

Assessment bioaccumulation potential. The product has not been tested.

Bioaccumulation potential:

At the present state of knowledge, no negative ecological effects are expected.

12.4. Mobility in soil

Volatility: The substance will not evaporate into the atmosphere from the water surface. The product has not been tested. The statement has been derived from the properties of the individual components.

12.5. Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The similar products do not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

12.6. Other adverse effects

The product does not contain substances that are listed in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

12.7. Additional information

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

Do not discharge product into the environment without control.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

General information

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Avoid release to the environment. Do not dump into any sewers, on the ground, or into any body of water.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority

SECTION 14: Transport Information

Land transport

ADR Not classified as a dangerous good under transport regulations

RID Not classified as a dangerous good under transport regulations

Inland waterway transport

ADN Not classified as a dangerous good under transport regulations

Transport in inland waterway vessel Not evaluated

Sea transport

IMDG Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO Not classified as a dangerous good under transport regulations

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|---|------------------------|
| 14.1. UN number | Not assigned |
| 14.2. UN proper shipping name | Not assigned |
| 14.3. Transport hazard class(as) | Not assigned |
| 14.4. Packing group | Not assigned |
| 14.5. Environmental hazards | Not assigned |
| 14.6. Special precautions for user | No special precautions |
| 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code | |
| Regulation: | Not evaluated |
| Shipment approved: | Not evaluated |
| Pollution name: | Not evaluated |
| Pollution category: | Not evaluated |
| Ship Type: | Not evaluated |

SECTION 15: Regulatory Information

15:2 Chemical Safety Assessment Not applicable

SECTION 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.