

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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### 1.1 Product identifier

**Product name:** Cranfield Acrylic Matt Co-Polymer Emulsion

**Product Identifier:** 0620, 0621, 0622

**1.2 Relevant identified uses of the substance or mixture and uses advised against identified uses:** Professional use only. Artists' Acrylic Medium

### 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](mailto:hello@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

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### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### Supplemental information

EUH210 Safety data sheet available on request.

EUH208 Contains: 1,2-benzisothiazolin-3-one; 2-Methyl-4-isothiazolin-3-one and 2-Octyl-2H-isothiazol-3-one May produce an allergic reaction.

### 2.3 Other hazards

No data available

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### 3.2 Mixtures

This product is a mixture.

CASRN / EC-No. / Index-No.	Concentration	Component	Classification: REGULATION (EC) No 1272/2008
9036-19-5	< 1%	Octylphenoxypoly ethoxyethanol	Aquatic Chronic - 3 - H412

For the full text of the H-Statements mentioned in this Section, see Section 16.

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## SECTION 4. FIRST AID MEASURES

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### 4.1 Description of first aid measures Inhalation:

Move to fresh air.

**Skin contact:** Wash with water and soap as a precaution. If skin irritation persists, call a physician.

**Eye contact:** Rinse with plenty of water. If eye irritation persists, consult a specialist.

**Ingestion:** Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed:** Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

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

**Notes to physician:** Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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## SECTION 5. FIREFIGHTING MEASURES

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### 5.1 Extinguishing media

**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable extinguishing media:** No data available

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

**Hazardous combustion products:** No data available

**Unusual Fire and Explosion Hazards:** Material can splatter above 100C/212F. Dried product can burn.

### 5.3 Advice for firefighters

**Fire Fighting Procedures:** No data available

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus and protective suit.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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**6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

**6.2 Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**6.3 Methods and materials for containment and cleaning up:** Contain spills immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

**6.4 Reference to other sections:** References to other sections, if applicable, have been provided in the previous sub-sections.

## SECTION 7. HANDLING AND STORAGE

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**7.1 Precautions for safe handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

**7.2 Conditions for safe storage, including any incompatibilities:** Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

### Storage stability

**Storage temperature:** 1 - 49 °C

Other data: Monomer vapors can be evolved when material is heated during processing operations. See SECTION 8, for types of ventilation required.

**7.3 Specific end use(s):** See the technical data sheet on this product for further information.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1 Control parameters

Exposure limits are listed below, if they exist.

### 8.2 Exposure controls

**Engineering controls:** Use only in area provided with appropriate exhaust ventilation.

**Protective measures:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

**Individual protection measures**

**Eye/face protection:** Safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.

**Skin protection**

**Hand protection:** The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves

**Respiratory protection:** Use certified respiratory protection equipment meeting EU requirements (89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Environmental exposure controls**

See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties****Appearance**

<b>Physical state</b>	<b>Soft Paste</b>
<b>Color</b>	Black
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	8.0 - 8.6
<b>Melting point/range</b>	0 °C Water
<b>Freezing point</b>	No data available
<b>Boiling point (760 mmHg)</b>	100.00 °C Water
<b>Flash point</b>	Non-combustible
<b>Evaporation Rate (Butyl Acetate= 1)</b>	<1.00 Water
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Lower explosion limit</b>	Not applicable
<b>Upper explosion limit</b>	Not applicable
<b>Vapor Pressure</b>	No data available
<b>Relative Vapor Density (air = 1)</b>	<1.0000 Water
<b>Relative Density (water = 1)</b>	No data available
<b>Water solubility</b>	Dilutable
<b>Partition coefficient: n- octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	No data available
<b>Kinematic Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

**9.2 Other information**

<b>Molecular weight</b>	No data available
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**Percent volatility** 50 - 52 % Water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## SECTION 10. STABILITY AND REACTIVITY

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**10.1 Reactivity:** No data available

**10.2 Chemical stability:** Stable

**10.3 Possibility of hazardous reactions:** None known.  
Product will not undergo polymerization.

**10.4 Conditions to avoid:** No data available

**10.5 Incompatible materials:** There are no known materials which are incompatible with this product.

**10.6 Hazardous decomposition products:** Thermal decomposition may yield acrylic monomers.

## SECTION 11. TOXICOLOGICAL INFORMATION

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*Toxicological information appears in this section when such data is available.*

### 11.1 Information on toxicological effects

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

#### Acute toxicity

##### Acute oral toxicity

LD50, Rat, > 5,000 mg/kg

##### Acute dermal toxicity

LD50, Rabbit, > 5,000 mg/kg

##### Acute inhalation toxicity

Product test data not available. Refer to component data.

#### Skin corrosion/irritation

May cause transient irritation.

#### Serious eye damage/eye irritation

No eye irritation

#### Sensitization

Product test data not available. Refer to component data.

#### Specific Target Organ Systemic Toxicity (Single Exposure)

Product test data not available. Refer to component data.

#### Specific Target Organ Systemic Toxicity (Repeated Exposure)

Product test data not available. Refer to component data.

**Carcinogenicity**

Product test data not available. Refer to component data.

**Teratogenicity**

Product test data not available. Refer to component data.

**Reproductive toxicity**

Product test data not available. Refer to component data.

**Mutagenicity**

Product test data not available. Refer to component data.

**Aspiration Hazard**

Product test data not available. Refer to component data.

**Additional information**

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

**COMPONENTS INFLUENCING TOXICOLOGY:****Octylphenoxypolyethoxyethanol****Acute inhalation toxicity**

The LC50 has not been determined.

**Sensitization**

Did not cause allergic skin reactions when tested in humans.

For respiratory sensitization:

No relevant data found.

**Specific Target Organ Systemic Toxicity (Single Exposure)**

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

**Specific Target Organ Systemic Toxicity (Repeated Exposure)**

In animals, effects have been reported on the following organs:

Liver.

**Carcinogenicity**

No relevant data found.

**Teratogenicity**

Did not cause birth defects or any other fetal effects in laboratory animals.

**Reproductive toxicity**

No relevant data found.

**Mutagenicity**

In vitro genetic toxicity studies were negative.

**Aspiration Hazard**

Based on physical properties, not likely to be an aspiration hazard.

**SECTION 12. ECOLOGICAL INFORMATION**

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*Ecotoxicological information appears in this section when such data is available.*

**General Information**

There is no data available for this product.

**12.1 Toxicity****Octylphenoxypolyethoxyethanol****Acute toxicity to fish**

Material is harmful to aquatic organisms (LC50/EC50/IC50 between 10 and 100 mg/L in the most sensitive species).

LC50, Pimephales promelas (fathead minnow), 96 Hour, > 60 mg/l

**Acute toxicity to aquatic invertebrates**

LC50, Daphnia magna, 48 Hour, > 1,000 mg/l

**Toxicity to bacteria**

IC50, Bacteria, 16 Hour, Respiration rates., 1,000 - 2,400 mg/l

**12.2 Persistence and degradability****Octylphenoxypolyethoxyethanol**

**Biodegradability:** Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

**Theoretical Oxygen Demand:** 1.9 - 1.95 mg/mg Estimated.

**Chemical Oxygen Demand:** 2.0 mg/mg Estimated.

**12.3 Bioaccumulative potential****Octylphenoxypolyethoxyethanol**

**Bioaccumulation:** No relevant data found.

**12.4 Mobility in soil****Octylphenoxypolyethoxyethanol**

No relevant data found.

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

**Octylphenoxypolyethoxymethanol**

This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

**SECTION 13. DISPOSAL CONSIDERATIONS**

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**13.1 Waste treatment methods**

<b>General information</b>	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.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14. TRANSPORT INFORMATION**

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**Classification for ROAD and Rail transport (ADR/RID):**

<b>14.1 UN number</b>	Not applicable
<b>14.2 Proper shipping name</b>	Not regulated for transport
<b>14.3 Class</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not considered environmentally hazardous based on available data.
<b>14.6 Special precautions for user</b>	No data available.

**Classification for SEA transport (IMO-IMDG):**

<b>14.1 UN number</b>	Not applicable
<b>14.2 Proper shipping name</b>	Not regulated for transport
<b>14.3 Class</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not considered as marine pollutant based on available data.
<b>14.6 Special precautions for user</b>	No data available.
<b>14.7 Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code</b>	

Consult IMO regulations before transporting ocean bulk

**Classification for AIR transport (IATA/ICAO):**

<b>14.1 UN number</b>	Not applicable
<b>14.2 Proper shipping name</b>	Not regulated for transport
<b>14.3 Class</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	No data available.

**SECTION 15. REGULATORY INFORMATION**

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

#### REACH Regulation (EC) No 1907/2006

This product contains only components that have been either pre-registered, registered, are exempt from registration, are regarded as registered or are not subject to registration according to Regulation (EC) No. 1907/2006 (REACH)., Polymers are exempted from registration under REACH. All relevant starting materials and additives have been either pre-registered, registered, or are exempt from registration to Regulation (EC) No. 1907/2006 (REACH)., The aforementioned indications of the REACH registration status are provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. It is the buyer's/user's responsibility to ensure that his/her understanding of the regulatory status of this product is correct.

#### Authorisation status under REACH:

The following substance/s contained in this product might be or is/are subject to authorization in accordance with REACH:

CAS-No.: 9036-19-5	Name: Octylphenoxyethoxyethanol
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Authorisation status: listed in the Candidate List of Substances of Very High Concern for Authorisation

Authorisation number: Not available

Sunset date: Not available

Exempted (Categories of) Uses: Not available

#### Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Listed in Regulation: Not applicable

### 15.2 Chemical Safety Assessment

Not applicable

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## SECTION 16. OTHER INFORMATION

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#### Full text of H-Statements referred to under sections 2 and 3.

H412

Harmful to aquatic life with long lasting effects.

#### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008

This product is not classified as dangerous according to EC criteria.

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.