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

### 1.1 Product identifier

Product Name : Cranfield White Acrylic Primer  
Product Codes : 0591, 0592, 0593, 0668

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

Use of the Substance/Mixture : Professional Use only. Artists' Primer.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer**  
Cranfield Colours Ltd,  
44-47 Springvale Estate,  
Cwmbran NP44 5BB, Wales UK  
email: hello@cranfield-colours.co.uk

### 1.4 Emergency telephone number

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

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## SECTION 2. Hazards identification

### 2.1 Classification of the substance or mixture

According to REGULATION (EC) No 1272/2008) Not classified.

### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)** No Hazard labelling required

**Additional Labelling:**

**EUH210** Safety Data Sheet available on request

**EUH208** Contains: 1,2-benzisothiazolin-3-one, 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one (3:1) [EC no. 220-239-6] May produce an allergic reaction.

Precautionary statements	:	<b>Prevention:</b>	
		P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
		P272	Contaminated work clothing should not be allowed out of the workplace.
		P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.

### 2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3. Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Pigmented, Polymer aqueous dispersion.

Any hazardous ingredients, if present, are below the reportable limit.

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## SECTION 4. First aid measures

### 4.1 Description of first aid measures

- General advice : Get medical attention if symptoms occur.  
: Show this safety data sheet to the doctor in attendance.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off immediately with soap and plenty of water.  
: Remove contaminated clothing. If irritation develops, get medical attention.  
: Wash contaminated clothing before reuse.
- In case of eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.  
Get medical attention.
- If swallowed : If accidentally swallowed obtain immediate medical attention.  
: Do NOT induce vomiting.

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

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.  
Repeated or prolonged exposure may cause irritation of eyes and skin.

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

No information available.

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## SECTION 5. Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Not combustible.

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: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No information available.

## 5.2 Special hazards arising from the substance or mixture

The pressure in sealed containers can increase under the influence of heat.

## 5.3 Advice for firefighters

Use personal protective equipment.

The product itself does not burn.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6. Accidental release measures

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

Use personal protective equipment.

### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

### 6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Large spills should be collected mechanically (remove by pumping) for disposal.

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.

Clean contaminated floors and objects thoroughly while observing environmental regulations. Dispose of in accordance with local regulations.

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7. Handling and storage

### 7.1 Precautions for safe handling

Wear personal protective equipment.

For personal protection see section 8.

Avoid inhalation, ingestion and contact with skin and eyes. Do not use in areas without adequate ventilation.

Smoking, eating and drinking should be prohibited in the application area.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in original container.

Keep in properly labelled containers.

Store between 5 and 35 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Do not freeze.

## 7.3 Specific end uses

Consult the technical guidelines for the use of this substance/mixture.

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## SECTION 8. Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Engineering measures

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Respiratory protection : not required under normal use

Hand protection : Protective gloves complying with EN 374.

: Nitrile rubber  
Break through time: 480 min  
Glove thickness: 0.1 - 0.4 mm

: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : not required under normal use

: Skin should be washed after contact.

: Remove and wash contaminated clothing before re-use.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

: When using do not eat, drink or smoke.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

**Environmental exposure controls**

General advice:

The product should not be allowed to enter drains, water courses or the soil.

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**SECTION 9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance	: Soft paste
Colour	: white
Odour	: ester-like
Odour Threshold	: not determined
Melting point/freezing point	: not determined
Boiling point	: not determined
Flash point	: Not determined but likely to be Non-Combustible
Evaporation rate	: not determined
Flammability (solid, gas)	: The product is not flammable.
Lower explosion limit	: not applicable
Upper explosion limit	: not applicable
Vapour pressure	: ca. 23 hPa, at 20 °C
Relative vapour density	: not determined
Relative density	: 0.9 - 1.1
Water solubility	: insoluble, completely miscible, in all proportions
Partition coefficient: n-octanol/water	: not determined
Ignition temperature	: not applicable
Explosive properties	: not applicable
Oxidizing properties	: not applicable

**9.2 Other information**

No information available.

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**SECTION 10. Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

None known.

**10.4 Conditions to avoid**

Extremes of temperature and direct sunlight.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

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**SECTION 11. Toxicological information****11.1 Information on toxicological effects**

No data is available on the product itself. Information given is based on data on the components and the toxicology of similar products.

**Components:****5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1):**

Acute oral toxicity	: LD50 Oral: 69 mg/kg, rat
Acute inhalation toxicity	: LC50: 0.33 mg/l, 4 h, rat,
Acute dermal toxicity	: LD50: 141 mg/kg, Rabbit
Skin corrosion/irritation	: Rabbit, Corrosive to skin
Serious eye damage/eye irritation	: Rabbit, Corrosive to eyes
Respiratory or skin sensitization	: guinea pig, Causes sensitization.
Genotoxicity in vitro	: In vitro tests did not show mutagenic effects
Genotoxicity in vivo	: In vivo tests did not show mutagenic effects
Carcinogenicity	: mouse, Dermal, Based on available data, the classification criteria are not met.
Reproductive toxicity	: No toxicity to reproduction

## SECTION 12. Ecological information

### 12.1 Toxicity

#### Product:

Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

#### Components:

##### **5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1):**

Toxicity to fish : LC50: 0.188 mg/l, 96 h, Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates. : EC50: 0.126 mg/l, 48 h, Daphnia magna (Water flea)

Toxicity to algae : ErC50: 0.027 mg/l, 72 h, Selenastrum capricornutum

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

#### Components:

##### **5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1):**

Biodegradability : OECD Test Guideline 301, Not readily biodegradable.

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Bioaccumulation is unlikely.

### 12.4 Mobility in soil

#### Product:

Distribution among environmental compartments : No data available

Physico-chemical removability : 98 %, OECD Test Guideline 302, The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

### 12.5 Results of PBT and vPvB assessment

**Product:**

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**12.6 Other adverse effects****Product:**

This product has no known eco-toxicological effects.

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**SECTION 13. Disposal considerations**

<b>General information</b>	The product should not be allowed to enter drains, water courses or the soil. 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.
Contaminated packaging	In accordance with local and national regulations

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**SECTION 14. Transport information****Information applies to ADR, RID, IMDG and IATA**

<b>14.1 UN number</b>	– Not assigned
<b>14.2 UN Shipping number</b>	– Not assigned
<b>14.3 Transport hazard class</b>	– Not a dangerous good
<b>14.4 Packing group</b>	Not a dangerous good
<b>14.5 Environmental hazards</b>	Not a dangerous good
<b>14.6 Special precautions for user</b>	Not classified as dangerous in the meaning of transport regulations
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable

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**SECTION 15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Water contaminating class (Germany) : WGK 1 slightly water endangering  
Classification according VwVwS, Annex 4.



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Other regulations : Other international regulations, not determined

**15.2 Chemical Safety Assessment**

Not applicable

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**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.