

# **Safety Data Sheet**



## Crown Trade Timonox Acrylic Eggshell.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830 - United Kingdom (UK)

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

1.1 Product identifier	
Product name :	🔀 fown Trade Timonox Acrylic Eggshell.
Product identity :	4017235 - CLP 17
Product type :	water-borne paint

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

Field of application :	Specialist flame retardant coating for interior use. Applied by brush or roller. See container for details.
Identified uses :	Consumer applications.

1.4 Emergency telephone number

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

Company details :	Crown Timonox Crown Paints	01254 704951 (08.00-17.00)
	Crown House Hollins Rd Darwen Lancs, BB30BG 01254 704951 01254 702678 www.crownpaints.co.uk	Contact Person: Product SHE Information Manager SHE@crownpaints.co.uk
Date of issue :	22 May 2017	
Date of previous issue :	22 May 2017.	

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Product definition :

Mixture

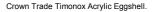
#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

in classification :

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements	
Hazard pictograms :	
Signal word :	No signal word.
Hazard statements :	No known significant effects or critical hazards.
Precautionary statements :	
General :	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Do not get in eyes, on skin, or on clothing. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients :	Not applicable.
Supplemental label elements :	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Contains 2-methyl-2H- isothiazol-3-one
Special packaging requirements	
Containers to be fitted with child- resistant fastenings :	Not applicable.
Tactile warning of danger :	Not applicable.
2.3 Other hazards	
Other hazards which do not result	None known.



## **SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
potassium salt of sulfonated 9-octadecenoic acid	EC: 271-843-1 CAS: 68609-93-8	≥1 - ≤3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 See Section 16 for the full text of the H statements declared above.	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### Туре

[1] Substance classified with a health or environmental hazard

- [2] Substance with a workplace exposure limit, see section 8.
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

[6] Additional disclosure due to company policy

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General :	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eye contact :	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation :	Remove to fresh air.
Skin contact :	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion :	If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting unless directed to do so by medical personnel. Lower the head so that vomit will not re-enter the mouth and throat.
Protection of first-aiders :	No action shall be taken involving any personal risk or without suitable training.

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

#### Potential acute health effects

Eye contact :	No known significant effects or critical hazards.
Inhalation :	No known significant effects or critical hazards.
Skin contact :	No known significant effects or critical hazards.
Ingestion :	No known significant effects or critical hazards.
Over-exposure signs/symptoms	
Eye contact :	No specific data.

	No specific data.
Inhalation :	No specific data.
Skin contact :	No specific data.
Ingestion :	No specific data.

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

Notes to physician :	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments :	No specific treatment.

## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Extinguishing media :	Recommended: alcohol resistant foam, CO <sub>2</sub> , powders, water spray. Not to be used : waterjet.	
5.2 Special hazards arising from the substance or mixture		
Hazards from the substance or mixture :	In a fire or if heated, a pressure increase will occur and the container may burst.	
Hazardous combustion products :	Decomposition products may include the following materials: carbon oxides metal oxide/oxides	

## **SECTION 5: Firefighting measures**

## 5.3 Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Floors may become slippery. Refer to protective measures listed in sections 7 and 8. No action shall be taken involving any personal risk or without suitable training.

## 6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## 6.3 Methods and material for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13).

## 6.4 Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Never use pressure to empty; the container is not a pressure vessel. Always keep in the same material as the supply container. Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards. The Manual Handling Operations Regulations may apply to the handling of containers of this product. Packs with a volume content of 5 litres or more may be marked with a maximum gross weight. To assist employers the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity (relative density) value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

Storage :

Do not store below the following temperature: 5 °C

#### 7.3 Specific end use(s)

See separate Product Data Sheet for recommendations or industrial sector specific solutions.

## **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

Product/ingredient name	Exposure limit values
propyleneglycol	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Particulate TWA: 150 ppm 8 hours. Form: Sum of vapour and particulates TWA: 474 mg/m <sup>3</sup> 8 hours. Form: Sum of vapour and particulates

#### **Recommended monitoring procedures**

## SECTION 8: Exposure controls/personal protection

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### Derived effect levels

No DELs available.

#### Predicted effect concentrations

No PECs available.

#### 8.2 Exposure controls

#### Appropriate engineering controls

All engineering control measures used to control exposure to hazardous substances must be selected, maintained, examined and tested to meet the requirements of the Control Of Substances Hazardous to Health regulations (COSHH). Similarly all personal protective equipment, including respiratory protective equipment, must be selected, issued and maintained to meet the requirements of COSHH. These requirements include the provision of any necessary information, instruction and training with regard to their use. Special precautions should be taken during surface preparation of pre-1960's paint surfaces over wood and metal as they may contain harmful lead.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of solvent vapour below the relevant workplace exposure limits, suitable respiratory protection should be worn. (See personal protection below). Dry sanding, flame cutting and/ or welding of the dry paint film will give rise to dust and/ or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be worn.

#### Individual protection measures

General :	Gloves must be worn for all work that may result in soiling. Apron/coveralls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. Safety eyewear should be used when there is a likelihood of exposure.
Hygiene measures :	Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.
Eye/face protection :	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Hand protection :	Wear chemical-resistant gloves (tested to EN374) in combination with 'basic' employee training. The quality of the chemical-resistant protective gloves must be chosen as a function of the specific workplace concentrations and quantity of hazardous substances.
	Since the actual work situation is unknown. Supplier of gloves should be contacted in order to find the appropriate type. Below listed glove(s) should be regarded as generic advice:
	May be used: natural rubber (latex) Recommended: Silver Shield / 4H gloves, nitrile rubber, neoprene rubber, butyl rubber, polyvinyl alcohol (PVA), polyvinyl chloride (PVC), Viton®
Body protection :	Personal protective equipment for the body should be selected based on the task being performed and the risks involved handling this product.
Respiratory protection :	Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If working areas have insufficient ventilation: When the product is applied by means that will not generate an aerosol such as, brush or roller wear half or totally covering mask equipped with gas filter of type A, when grinding use particle filter of type P. Be sure to use an approved/certified respirator or equivalent.

#### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



## **SECTION 9: Physical and chemical properties**

9.1 Information on basic physic	cal and chemical properties
Physical state :	Liquid.
Odour :	Non-characteristic.
pH :	7 - 9
Melting point/freezing point :	0°C This is based on data for the following ingredient: water
Boiling point/boiling range :	Testing not relevant or not possible due to nature of the product.
Flash point :	Non-flammable.
Evaporation rate :	Testing not relevant or not possible due to nature of the product.
Flammability :	Non-flammable.
Upper/lower flammability or explosive limits :	0.6 - 12.6 vol %
Vapour pressure :	3.17 kPa This is based on data for the following ingredient: water
Vapour density :	Testing not relevant or not possible due to nature of the product.
Relative density :	1.374 g/cm³
Solubility(ies):	Easily soluble in the following materials: cold water and hot water.
Partition coefficient (LogKow) :	Testing not relevant or not possible due to nature of the product.
Auto-ignition temperature :	Testing not relevant or not possible due to nature of the product.
Decomposition temperature :	Testing not relevant or not possible due to nature of the product.
Viscosity :	Kinematic (40°C): 2.5 cm <sup>2</sup> /s
Explosive properties :	Explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
Oxidising properties :	Testing not relevant or not possible due to nature of the product.
9.2 Other information	
Solvent(s) % by weight :	Weighted average: 8 %
Water % by weight :	Weighted average: 34 %

## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

## 10.2 Chemical stability

The product is stable.

#### 10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

#### 10.4 Conditions to avoid

No specific data.

#### 10.5 Incompatible materials

Reactive or incompatible with the following materials: oxidizing materials. Slightly reactive or incompatible with the following materials: reducing materials.

## 10.6 Hazardous decomposition products

When exposed to high temperatures (i.e. in case of fire) harmful decomposition products may be formed: Decomposition products may include the following materials: carbon oxides metal oxide/oxides

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

The product has been assessed following the conventional method and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

#### Acute toxicity

#### Acute toxicity estimates

Route	ATE value
No known significant effects or critical hazards.	

#### **Mutagenic effects**

No known significant effects or critical hazards.

#### Carcinogenicity

No known significant effects or critical hazards.

#### **Reproductive toxicity**

No known significant effects or critical hazards.

#### **Teratogenic effects**

No known significant effects or critical hazards.

#### Specific target organ toxicity (single exposure)

Not available.

## Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Other information :

Not available.

#### Information on likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation.

#### Potential chronic health effects

No additional known significant effects or critical hazards.

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

Do not allow to enter drains or watercourses.

#### 12.2 Persistence and degradability

No known data avaliable in our database.

#### 12.3 Bioaccumulative potential

No known data avaliable in our database.

#### 12.4 Mobility in soil

Soil/water partition coefficient	No known data avaliable in our database.
(K <sub>oc</sub> ) :	
Mobility :	No known data avaliable in our database.

## 12.5 Results of PBT and vPvB assessment

PBT :	Not applicable.
vPvB :	Not applicable.

#### 12.6 Other adverse effects

## SECTION 12: Ecological information

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

The generation of waste should be avoided or minimised wherever possible. Residues of the product is not listed as hazardous waste. Dispose of according to all state and local applicable regulations. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

European waste catalogue (EWC) : 08 01 12

#### Packaging

Used containers, drained and/ or rigorously scraped out and containing dried residues of the supplied coating, are categorised as non-hazardous waste, with EWC code: 15 01 02 or 15 01 04.

If mixed with other wastes, the above waste code may not be applicable. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

## **SECTION 14: Transport information**

Transport may take place according to national regulation or ADR for transport by road, RID for transport by train, IMDG for transport by sea, IATA for transport by air.

	14.1 UN no.	14.2 Proper shipping name	14.3 Transport hazard class(es)	14.4 PG*	14.5 Env*	Additional information
ADR/RID Class	Not regulat	ted.	-	-	No.	-
IMDG Class	Not regulat	ted.	-	-	No.	-
IATA Class	Not regulat	ted.	-	-	No.	-

PG\* : Packing group

Env.\* : Environmental hazards

#### 14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

#### **SECTION 15: Regulatory information**

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

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation - Substances of very high concern Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not applicable.

#### Other EU regulations

This product is not controlled under the Seveso III Directive.

National regulations

## 15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

#### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and acronyms :	ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 127 DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number		
Full text of abbreviated H statements :	H315 H319	Causes skin irritation. Causes serious eye irritation.	
Full text of classifications [CLP/GHS] :	Eye Irrit. 2, H319 Skin Irrit. 2, H315	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2	
Due an alcune transition of any loss that a loss of final	Alon according to Dee	wietien (EC) No. 4070/0000 [CI D/CI IC]	

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

#### UK REGULATORY REFERENCES:

The products are classified and supplied in accordance with the Chemicals (Hazard Information Packaging for supply) regulations (CHIP). The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provision of the Health and Safety at Work Act and the Control of Substances Hazardous to Health regulations apply to the use of this product at work.

EU DIRECTIVES:

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Classification, labelling and packaging of substances and mixtures 1272/2008EC. APPROVED CODE OF PRACTICE:

Approved classification and labelling guide (Sixth edition) The compilation of safety data sheets (Third edition).

GUIDANCE NOTES:

Workplace Exposure Limits EH40. Storage of Flammable Liquids in Containers, HS(G)51 Storage of Packaged Dangerous Substances, HS(G)71. NATIONAL REGULATIONS:

The Control Of Substances Hazardous to Health regulations (as amended) The Manual Handling Operations regulations (as amended) The Environmental Protection (Duty of Care) regulations (as amended) The Chemicals (Hazard Information and Packaging) for supply regulations (as amended) The Health and Safety at Work act 1974 (as amended).

#### Notice to reader

The information contained in this safety data sheet is based on the present state of knowledge and EU and national legislation. It provides guidance on health, safety and environmental aspects for handling the product in a safe way and should not be construed as any guarantee of the technical preformance or suitability for particular applications.

It is always the duty of the user/employer to ascertain that the work is planned and carried out in accordance with the national regulations.