MATERIAL SAFETY DATA SHEET: EARLES SURFACE PRIMER

Health and Safety Information In accordance with Regulation (EC) No 1907/2006 (REACH) as amended by Regulation (EU) No 453/2010

1 - IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade Name: Earles Surface Primer

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

Masonary surface primer and interbonder for use with Earles Masonry Paint

All other uses not mentioned above are advised against.

1.3 Details of the supplier of the safety data sheet

Northern Paints and Coatings Ltd
Unit 3B Berwick Road Industrial Estate
Wooler
Northumberland
NE71 6AH

Customer Services

Tel: 01665 494034
E-mail: info@npc-ltd.co.uk

1.4 Emergency telephone number

Emergency telephone number: 01665 494034
Hours of operation: 09.00 – 17.00 Monday-Friday

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP: -: EUH208

Most important adverse effects:

Contains 1,2-benzisothiazolin-3-one, a mixture of: 5-chloro-2-methyl-2h-isothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [ec no 220-239-6]. May produce an allergic reaction.

2.2 Label elements

According to Regulation (EC) No 1272/2008 (CLP)
Hazard pictograms

Hazard statements

EUH208: Contains 1,2-benzisothiazolin-3-one, a mixture of: 5-chloro-2-methyl-2hisothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [ec no 220-239-6]. May produce an allergic reaction.

2.3 Other Hazards

Contains biocidal products.
PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

Information on hazardous ingredients					
1,2-BENZISOTHIAZOLIN-3-ONE					
Cas Number	EINECS	CLP Classification			Concentration Range
2634-33-5	220-120-9	Acute Toxicity Skin Irritant Eye Damage Skin Sensitivity Aquatic Acute	4 2 1 1 1	H302 H315 H318 H317 H400	<1%
A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3 -ONE [EC NO 220-239-6]					
Cas Number	EINECS	CLP Classification			Concentration Range
55965-84-9	-	Acute Toxicity Acute Toxicity Acute Toxicity Skin Corrosion. Skin Sensitivity Aquatic Acute Aquatic Chronic	3 3 3 1B 1 1 1	H331 H311 H301 H314 H317 H400 H410	<1%

Contains: Styrene Acrylic Copolymer

SECTION 4 - FIRST AID MEASURES

4.1. Description of first aid measures

General notes:

No personal protective equipment is needed for first aid responders. First aid workers should avoid contact with mixed material.

Skin Contact: Wash immediately with plenty of soap and water.

Eye Contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Not anticipated as material in liquid form

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

Eyes: There may be irritation and redness.

Skin: There may be mild irritation at the site of contact.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects:
No symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment:
Not applicable.
When contacting a physician, take this MSDS with you.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of MSDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:
Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging:
Must only be kept in original packaging.

7.3 Specific end use(s)

PC15: Non-metal-surface treatment products.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Exposure limit values (Workplace Exposure Limits (WEL)	
A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3 -ONE [EC NO 220-239-6]	
Workplace exposure limits:	
State	UK
8 Hour TWA	0.05 mg/m3
15 min. STEL	-
Respirable dust	
8 Hour TWA	-
15 min. STEL	-
DNEL/PNEC Values	
1,2-BENZISOTHIAZOLIN-3-ONE	
Type	DNEL
Exposure	Inhalation (developmental tox)
Value	111
Population	Consumers
Effect	Systemic

8.2. Exposure controls

8.2.1 Engineering Measures:

The floor of the storage room must be impermeable to prevent the escape of liquids.

8.2.2 Individual protection measures such as personal protection equipment

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin Protection Protective clothing.

8.2.3 Environmental exposure controls

The floor of the storage room must be impermeable to prevent the escape of liquids.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State: Liquid
Appearance: Translucent/Off White
Odour: Barely Perceptible odour
Evaporation Rate: Slow
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Miscible in all proportions
Viscosity: Non-viscous
Boiling Point: >35°C
Flash Point: >95°C
Relative density: 1.00
PH: 6.7 - 7.5

9.2 Other Information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical Stability

Under normal conditions of use and storage (dry conditions), the product is stable.

10.3 Possibility of Hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions

10.4 Conditions to Avoid

Heat

10.5 Incompatible Materials

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous ingredients:			
1,2-BENZISOTHIAZOLIN-3-ONE			
ORL	MUS	LD50	1150 mg/kg
ORL	RAT	LD50	1020 mg/kg
A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 220-239-6]			
ORL	MUS	LD50	60 mg/kg
ORL	RAT	LD50	53 mg/kg

Excluded hazards for substance:		
Hazard	**Route**	**Basis**
Acute toxicity (ac. tox. 4)	-	No hazard calculated
Acute toxicity (ac. tox. 3)	-	No hazard calculated
Acute toxicity (ac. tox. 2)	-	No hazard calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Acute toxicity - dermal	-	No hazard calculated
Acute toxicity- inhalation	-	No hazard calculated
Acute toxicity - oral	-	No hazard calculated
Skin corrosion/ irritation	-	No hazard calculated
Serious eye damage/ irritation	-	No hazard calculated
Skin sensitisation	-	No hazard calculated
Respiratory sensitisation	-	No hazard calculated
Germ cell mutagenicity	-	No hazard calculated
Carcinogenicity	-	No hazard calculated
Reproductive toxicity	-	No hazard calculated
STOT-single exposure	-	No hazard calculated
STOT-repeated exposure	-	No hazard calculated
Aspiration hazard	-	No hazard calculated

Symptoms / routes of exposure	
Hazard	**Hazard statements**
Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	No symptoms.
Delayed / immediate effects:	No symptoms.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Not biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Toxic to aquatic organisms. Toxic to soil organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging:

Dispose of container in accordance with local and national regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

This product does not require a classification for transport.

SECTION 15: REGULATORY INFORMATION

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

Not applicable.

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: OTHER INFORMATION

16.1 Indication of changes

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the MSDS which has changed since the last revision.

Phrases used in s.2 and s.3:

EUH208: Contains 1,2-benzisothiazolin-3-one, a mixture of: 5-chloro-2-methyl-2h-

16.2 Identified uses and use descriptors and categories

No chemical safety assessment has been carried out for this mixture by the supplier. A chemical safety report has not been compiled. Therefore, no use descriptors and categories have been identified.

16.5 Relevant H-Statements

isothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [ec no 220-239-6].
May produce an allergic reaction.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H331: Toxic if inhaled.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

16.6 Training advice

In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this MSDS.

16.8 Disclaimer

The information on this data sheet reflects the currently available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product, including the use of the product in combination with any other product or any other process, is the responsibility of the user.

It is implicit that the user is responsible for determining appropriate safety measures and for applying the legislation covering his/her own activities.