

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

HEROES PURE

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

1.1 Product identifier

Product name: HEROES PURE

Product code: HEROES-PURE

Product description: Topcoat for use with Heroes Shield

CAS No.: Not applicable.

EC No.: Not applicable.

Index No.: Not applicable.

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

Identified use(s): Indoor-use decorative topcoat for use with Heroes Shield Anti-Condensation Paint, particularly on walls.

Uses advised against: Follow supplier's recommendations on correct use of the product.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: PROMOVIO LTD
Unit 1 Syke Side Dr, Altham
Altham Business Park
Accrington, England BB5 5YE
United Kingdom

Telephone: 01254 936151

E-mail: hello@heroespaint.co.uk

1.4 Emergency telephone number

In case of emergency, call: 01254 936151

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture

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Classification according to Regulation (EC) No. 1272/2008 (CLP)

Skin sensitiser Category 1A; H317

2.2 Label elements according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictogram(s):



Signal Word: Warning

Hazard Statement(s): H317: May cause an allergic skin reaction.

Precautionary Statement(s):

- P261: Avoid breathing mist/vapours/spray.
- P280: Wear protective gloves.
- P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
- P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.
- P362 + P364: Take off contaminated clothing and wash before reuse.

Supplemental Hazard information (EU): None

Contains: 2-Octyl-2H-isothiazol-3-one

2.3 Other hazards:
None

SECTION 3: Composition

3.2 Mixtures

Classification according to Regulation (EC) No. 1272/2008 (CLP)

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Chemical name	% w/w	CAS No.	EC No.	Index No.	Classification
2-Octyl-2H-isothiazol-3-one	0.004%	26530-20-1	247-761-7	613-112-00-5	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 2; H330 Skin Corr. 1; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 (M=100) Aquatic Chronic 1; H410 (M=100) Skin Sens 1A; H317 Specific conc. limit: C>=0.0015%

See Section 16 for full description of H statements.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

INHALATION:	Remove patient to fresh air and keep at rest.
SKIN CONTACT:	Remove contaminated clothing immediately. Wash affected area with copious amounts of soap and water. If skin irritation or rash occurs, get medical advice/attention.
EYE CONTACT:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.
INGESTION:	Give small quantities of water to drink. Do NOT induce vomiting. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatments needed

Treat symptomatically.

SECTION 5: Fire-fighting Measures

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5.1 Extinguishing Media

Suitable extinguishing media: Foam, water spray, CO₂ or dry powder.

Unsuitable extinguishing media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Containers may rupture on heating. Toxic gases may be formed in a fire.

5.3 Advice for fire-fighters

Evacuate area. Prevent run-off from fire control or dilution from entering drains or water courses. Self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep fire-exposed containers cool by spraying with water. Do not allow to enter drains, sewers or watercourses.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours. Wear suitable personal protective equipment (see Section 8).

6.1.2 For emergency responders

Keep unnecessary personnel away. Wear suitable protective clothing (see Section 8). Contaminated clothing should be thoroughly cleaned.

6.2 Environmental precautions

Collect spillage. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

6.3 Methods and materials for containment and clearing up

6.3.1 For containment

Contain the spillage with sand, earth or any suitable adsorbent material.

6.3.2 For cleaning up

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Use sand, earth or any suitable adsorbent material to adsorb spillages. Transfer the contaminated absorbent material into sealable containers for disposal. Containers should be sealed before being disposed of via an authorised waste disposal contractor.

6.3.3 Other advice

None

6.4 Reference to other sections

See Section 8 for personal protective equipment. See Section 13 for waste disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Provide adequate ventilation. Do not inhale vapours. Avoid contact with skin and eyes. Wear suitable personal protective equipment (see Section 8).

Do not eat, drink or smoke when using this product. Wash exposed skin after use. Contaminated work clothing should not be allowed out of the workplace. Contaminated clothing should be thoroughly cleaned or disposed of as hazardous waste.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from heat. Keep from direct sunlight. Store locked up. Store only in the original container. Do not pressurise container. Store in a cool, well-ventilated place. Empty containers retain product residue and can be hazardous.

See section 10 for incompatible materials.

7.3 Specific end uses(s)

Indoor-use decorative topcoat for use with Heroes Shield Anti-Condensation Paint, particularly on walls.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Workplace exposure limits (WEL) – United Kingdom

None assigned.

Other exposure limits

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None assigned.

Biological limits

None assigned.

Derived No-Effect Level (DNEL)

Not available.

Predicted No-Effect Concentration (PNEC)

Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction.

8.2.2 Personal protection:

A suitable and sufficient COSHH assessment must be undertaken and appropriate and compliant personal protective equipment (PPE) provided and used.

Eye protection:

Not classified as an eye irritant. Any necessity for eye protection must be determined within the scope of a risk assessment.

Skin protection:

Appropriate barrier creams.

Hand protection:

Chemical resistant gloves (EN 374).

Other:

Long sleeve protective clothing.

Respiratory protection:

In the case of insufficient ventilation, wear suitable respiratory equipment.

8.2.3 Environmental exposure controls

Inform environmental manager of all incidents involving this product.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	White liquid
Odour:	Characteristic
Odour threshold:	Not available

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pH:	Not available
Melting/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid; gas):	Not applicable
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not available.
Vapour density:	Not available
Relative density:	1.345 (Water = 1)
Solubility:	Miscible
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	7 – 8 poise (ICI rotothinner, 20°C)
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising

9.2 Other information

None

SECTION 10: Stability and Reactivity

10.1 Reactivity	No specific hazards.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No specific hazardous reactions.
10.4 Conditions to avoid	None with proper storage and handling.
10.5 Incompatible materials	Not available.
10.6 Hazardous decomposition products	Combustion may liberate toxic smoke, fumes, incomplete combustion products and oxides of carbon.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

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According to Regulation (EC) No. 1907/2006 (REACH)

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Not irritating to skin but may cause an allergic skin reaction.
Serious eye damage/irritation	Not irritating to eyes.
Skin sensitisation	May produce an allergic skin reaction.
Respiratory irritation	Not irritating.
Respiratory sensitisation	No evidence of respiratory sensitisation.
Germ cell mutagenicity	Not mutagenic.
Carcinogenicity	Not carcinogenic.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – single exposure	Not classified.
Specific Target Organ Toxicity – repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.

Information on likely routes of exposure

Inhalation	See above
Skin contact	See above
Eye contact	See above
Ingestion	See above

Symptoms related to the physical, chemical and toxicological characteristics	See above
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Other information	None
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SECTION 12: Ecological Information

12.1 Toxicity	Low ecological toxicity.
12.2 Persistence and degradability	No data available.

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12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB assessment	Not classified as PBT/vPvB by current criteria.
12.6 Endocrine disrupting properties	No data available.
12.7 Other adverse effects	No other adverse effects expected.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Product and packaging to be disposed of as hazardous waste. Disposal should be in accordance with local, state or national legislation.

Contaminated adsorbent must be removed in sealed, drums and disposed of via an authorised waste disposal contractor. Do not empty into drains; dispose of this material and its container in a safe way.

Empty containers may contain residue and may be dangerous. Do not attempt to refill or clean containers without proper instructions.

SECTION 14: Transport Information

ROAD (ADR) Not hazardous for transport.

14.1 UN Number	-
14.2 UN Proper shipping name	-
14.3 Transport hazard class(es)	-
14.4 Packing group	-
14.5 Environmental hazards	-

INLAND WATERWAYS (ADN/ADNR) Not hazardous for transport.

14.1 UN Number	-
14.2 UN Proper shipping name	-
14.3 Transport hazard class(es)	-
14.4 Packing group	-
14.5 Environmental hazards	-

RAIL (RID) Not hazardous for transport.

14.1 UN Number	-
14.2 UN Proper shipping name	-

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14.3	Transport hazard class(es)	-
14.4	Packing group	-
14.5	Environmental hazards	-

AIR (IATA/ICAO) Not hazardous for transport.

14.1	UN Number	-
14.2	UN Proper shipping name	-
14.3	Transport hazard class(es)	-
14.4	Packing group	-
14.5	Environmental hazards	-

SEA (IMDG) Not hazardous for transport.

14.1	UN Number	-
14.2	UN Proper shipping name	-
14.3	Transport hazard class(es)	-
14.4	Packing group	-
14.5	Environmental hazards	-
14.6	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	-

SECTION 15: Regulatory Information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	This Safety Data Sheet was prepared in accordance with EC Regulation (EC) No. 1907/2006 as amended. The product has been classified in accordance with Regulation (EC) No. 1272/2008 (CLP).
15.2	Chemical Safety Assessment	Not applicable.

SECTION 16: Other Information

Full text of relevant H-statements:	H301: Toxic if swallowed. H311: Toxic in contact with skin. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H330: Fatal if inhaled. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
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References:

Suppliers' Safety Data Sheets for components
Regulation (EC) No. 1272/2008

Disclaimer:

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