

## SAFETY DATA SHEET

# HYDROCHROME EXTREME EX3

Issued on 09/06/2010 - Rev. n. 3 on 16/02/2022

Cod. EX3

In conformity to Regulation (EC) No 453/2010 of 20 May 2010

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

### 1.1. Product identifier

Product code: EX3

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

Use: Solution for metallization  
Uses advised against: Do not use for purposes other than those listed.

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

**Company name:** CREATIVE PAINT LTD

24/6 DRYDEN ROAD  
BILSTON GLEN IND. EST.  
LOANHEAD  
MIDLOTHIAN  
EH20 9HX

**Email:** Hello@creativepaints.co.uk

### 1.4. Emergency telephone number

Tel: 0131 440 9804(Emergency only. Working hours)

IPCS:

[http://www.who.int/gho/phe/chemical\\_safety/poisons\\_centres/en/index.html](http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/index.html)

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

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

##### **Non-Hazardous**

*Pictograms:* **None**  
*Hazard Class and Category Code(s):* **Non-Hazardous**  
*Hazard statement Code(s):* Non-Hazardous

#### 2.1.2 Classification according to Directive 1999/45/EEC:

*Classification:* **Non-Hazardous**  
*Nature of special risks attributed:* None in particular

### 2.2. Label elements

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

*Pictogram, Signal Word Code(s):* **None**  
  
*Hazard statement Code(s):* Non-Hazardous  
*Precautionary statements:*  
*Prevention:* None in particular

### 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII  
No information on other hazards

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**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Mixtures.**

Substance	Conc. %	Classification	Classification	Identification		REACH
		Dir 67/548	Reg 1272/08	Number		
-	-	-	-	CEE:	-	-
				CAS:	-	
				EINECS:	-	

**4. FIRST AID MEASURES****4.1. Description of first aid measures**Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well-ventilated room. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

**5. FIREFIGHTING MEASURES****5.1. Extinguishing media**Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

**5.2. Special hazards arising from the substance or mixture**

No data available.

**5.3. Advice for fire-fighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use self respirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

**6. ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**6.1.1 For non-emergency personnel:

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

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Wear mask, gloves and protective clothing.  
Eliminate all unguarded flames and possible sources of ignition. No smoking.  
Provision of sufficient ventilation.  
Evacuate the danger area and, in case, consult an expert.

### 6.2. Environmental precautions

Contain spill with earth or sand.  
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.  
Discharge the remains in compliance with the regulations.

### 6.3. Methods and material for containment and cleaning up

6.3.1 For containment:  
Rapidly recover the product; wear a mask and protective clothing  
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.  
Prevent it from entering the sewer system.  
6.3.2 For cleaning up:  
After wiping up, wash with water the area and materials involved  
6.3.3 Other information:  
None in particular.

### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapours. See also paragraph 8 below.  
At work do not eat or drink.  
Do not smoke at work.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabelled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

### 7.3. Specific end use(s)

Professional uses:  
Follow the rules of good hygiene in the workplace.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Substance	TLV-TWA	TLV-STEL	OTHER
-	-	-	-

### 8.2. Exposure controls

Individual protection measures:

Eye / face protection:	Not needed for normal use.	
Skin protection:	Not needed for normal use.	




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Other:	Wear normal work clothing.	
Respiratory protection:	Not needed for normal use.	
Other:	Safety shoes.	
Thermal hazards:	No hazard to report	

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	Liquid
Odour	Characteristic
Odour threshold	Not determined
pH	10
Melting point/freezing point	Not determined
Initial boiling point and boiling range	>100°C
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	0.95g/mL
Solubility	Insoluble in organic solvents
Water solubility	Soluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

#### 9.2. Other information

Content of VOC: 10%

### 10. STABILITY AND REACTIVITY

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### 10.1. Reactivity

No reactivity hazards.

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions.

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

Nothing to report

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

ATE(mix) oral = 0.0 mg/kg

ATE(mix) dermal = 0.0 mg/kg

ATE(mix) inhal = 0.0 mg/l/4 h

(a) acute toxicity	Not applicable
(b) skin corrosion/irritation	Not applicable
(c) serious eye damage/irritation	Not applicable
(d) respiratory or skin sensitization	Not applicable
(e) germ cell mutagenicity	Not applicable
(f) carcinogenicity	Not applicable
(g) reproductive toxicity	Not applicable
(h) specific target organ toxicity (STOT) single exposure	Not applicable
(i) specific target organ toxicity (STOT) repeated exposure	Not applicable
(j) aspiration hazard	Not applicable

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

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No data available.

### 12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### 12.6. Other adverse effects

No adverse effects

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.  
Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

## 14. TRANSPORT INFORMATION

### 14.1 UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### 14.2 UN proper shipping name

None

### 14.3 Transport hazard class(es)

None

### 14.4 Packing group

None

### 14.5. Environmental hazards

None

### 14.6. Special precautions for user

No data available.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

## 15. REGULATORY INFORMATION

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

Reg (EC) n. 1907/2006 (REACH), Reg (EC) n. 1272/2008 (CLP), Reg (EC) n. 453/2010 (Requirements for the compilation of safety data sheets), Reg (E) n.790/2009, Dir 96/82/EC as amended.

### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

## 16. OTHER INFORMATION

### 16.1. Other information

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Description of the sentences of risk set out in paragraph 3

None

Description of the hazard statements exposed to point 3

None

Classification based on data of all mixture components

Regulatory information:

Dir 67/548 29° Amendment

Dir 1999/45/EC e s.a.a.

Dir 2001/60/EC

Reg 1907/2006 EC

Reg 1272/2008 EC

Reg 453/2010 EC

NOTICE TO USERS:

The information contained herein is based on the knowledge available at the date of completion relating to requirements for safety, health, environmental protection and proper use of the product. The user must be aware of the possible risks associated with use of the product other than that for which the product is shipped. The card is not in any way excuse the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfil its obligations regarding the use of hazardous products. This does not exonerate the user from ensuring that legal obligations other than those mentioned and regulated, the possession and use of the product is solely responsible.

\*\*\* *This sheet supersedes all previous editions.*

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