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**FLINTS**  
**Theatrical Chandlers**

Flint Hire & Supply Ltd  
Artists' Materials

**Safety Data Sheet**

Prepared in accordance with Directive 1999/45/EC refer and current UK CHIP Regulations

<b>Revision Date</b>	<b>August 2013</b>
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<b>SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND COMPANY</b>
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TRADE NAME / PRODUCT NAME	Cadmium Yellow Pale Genuine Cadmium yellow Genuine Cadmium Yellow Deep Genuine Cadmium Orange Genuine Cadmium Red Genuine Cadmium Red Deep Genuine
APPLICATION	Artists Acrylic Paints
USES ADVISED AGAINST	Application by spray/ atomiser.
MANUFACTURER / SUPPLIER	Flint Hire & Supply Ltd 39 Queen's Row London SE17 2PX Telephone Number: 020 7703 9786 Email: sales@flints.co.uk

**ADDITIONAL NOTE**

The UK national poisons emergency telephone number is 0870 600 6266 (any time) - please note that this service is only available to health professionals. The Irish national poisons emergency telephone numbers are 01 8092566 & 01 8379964 (any time) - this service is also only available to health professionals.

<b>SECTION 2 HAZARDS IDENTIFICATION</b>
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Classification according to EC Directive 1999/45/EC and 67/548/EEC

**INHALATION HEALTH RISKS** None expected under normal conditions of use. Irritation of the nose, throat and lungs is associated with excessive exposure to low levels of amines in the products.

**EYE CONTACT HEALTH RISKS** May cause eye irritation. May cause serious damage to eyes.

**SKIN CONTACT HEALTH RISKS** May cause sensitisation by skin contact Prolonged or repeated contact may cause transient irritation

**INGESTION HEALTH RISKS** Harmful if swallowed. May cause irritation or pain to the gastrointestinal system.

**NOTE 1**

Cadmium pigments are extremely insoluble and are therefore much less hazardous than other cadmium compounds as their insolubility greatly reduces the risk of absorption of cadmium into the body and also greatly reduces their environmental hazard.

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

An aqueous mixture of acrylic co-polymer, with inorganic pigments and fillers

Containing the following substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Substance Name	Concentration %	Classification (*)	EINECS No	CAS No
Octylphenoxypolyethoxyethanol	< 1.5 %	Xn; R22, Xi; R41 R52 R53	9036-19-5	

\*See Section 16 for full text R – Phrases and Classification

The substances listed below are present in the product(s)

Substances present		EC / CAS Nos. / RRN	Classification - DSD and GHS systems	Concentration
a)	cadmium sulphoselenide red (CI Pigment Red 108)	261-218-1 58339-34-7 not available ‡	Not Classified as Dangerous See NOTE 2 below	25-50%
b)	cadmium sulphoselenide orange (CI Pigment Orange 20)	235-758-3 12656-57-4 not available ‡		
c)	cadmium zinc sulphide yellow (CI Pigment Yellow 35)	232-466-8 8048-07-5 not available ‡		

‡ substances not due for registration until 2013

**NOTE 2**

These substances are specifically excluded from the specific classification and labelling entries in the CLP and GHS tables covering cadmium compounds. They have been self-classified as not hazardous on the basis of their physical and chemical properties - particularly their extreme insolubility. A risk assessment of these products conducted by the EU concluded that these products offer no significant hazard to either human health or to the environment.

No substance classed as PBT or vPvB according to Annex XIII of REACH or included on the “candidate list” is present in any of these products at or above the 0.1 % declaration threshold

**SECTION 4 FIRST AID MEASURES**

EYE CONTACT Flush opened eye for 15 minutes with water. If symptoms persist seek medical aid  
 SKIN CONTACT Wash with soap and water and rinse thoroughly. If irritation persists seek medical aid  
 INHALATION Remove subject to fresh air. If symptoms persist seek medical aid  
 INGESTION Rinse out mouth and drink plenty of water. Seek medical aid. Do Not induce vomiting unless directed by medical practitioners

**SECTION 5 FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA Carbon Dioxide, powder or foam.  
 SPECIAL EXPOSURE HAZARD Decomposition and combustion products may be toxic and may yield acrylic monomers  
 PROTECTIVE EQUIPMENT Self-contained respiratory device

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Use Neoprene gloves, overalls and splash goggles.  
 Contain spilled material with inert material. Transfer material to container for disposal. Dispose of contaminated material as waste according to section 13

#### SECTION 7 HANDLING AND STORAGE

**HANDLING** Observe good standard of hygiene. Keep away from heat. Keep away from ignition sources. Do not eat, drink or smoke when working with materials. Use neoprene gloves and overalls to avoid skin contact

**STORAGE** Store between 5°C & 30°C. Avoid freezing. Store in original container.

#### SECTION 8 EXPOSURE PERSONAL PROTECTION

**RESPIRATORY PROTECTION** None required under normal use. If sanding or spraying; use an EIN149:2001 FFp3 dust mask

**SKIN AND BODY PROTECTION** Overalls or lab coat

**HANDS** Neoprene gloves

**EYE PROTECTION** If there is a risk of splashing, wear safety glasses / goggles

#### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Coloured Pastes
<b>Odour</b>	Faintly of ammonia
<b>Boiling Point</b>	>100°C
<b>Melting point</b>	N/A
<b>Softening point</b>	N/A
<b>Vapour Density</b>	< 1 ( Air =1)
<b>Evaporation rate</b>	< 1 ( Butyl Acetate =1)
<b>Ph</b>	N/A 8-9 ( Basic)
<b>Flammability</b>	N/A
<b>Flash point</b>	N/A Not Combustible
<b>Viscosity</b>	Thick paste / liquid
<b>Solubility</b>	Dilutable in water.

#### SECTION 10 STABILITY AND REACTIVITY

**STABILITY** Stable under normal conditions. Burning may yield acrylic monomers

**MATERIALS TO AVOID** Strong oxidizing agents (e.g. hydrogen Peroxide, Chromic Acid) Strong acids

#### SECTION 11 TOXICOLOGICAL INFORMATION

**INHALATION** No data Available

**INGESTION** No data Available

**SKIN CONTACT** May cause irritation with long exposure

**EYE CONTACT** May cause slight irritation

#### SECTION 12 ECOLOGICAL INFORMATION

Not readily biodegradable. No other data available

#### SECTION 13 DISPOSAL CONSIDERATIONS

Must not be disposed together with household rubbish. Do not allow product to reach sewage system

Dispose in accordance with all applicable local and national regulations

#### SECTION 14 TRANSPORT INFORMATION

Not Regulated for Transport.

#### SECTION 15 REGULATORY INFORMATION

MSDS prepared according to according to current EU legislation (Dangerous Substance Directive 67/548/EEC and Dangerous Preparations Directive 1999/45/EC) and current UK Chemicals Hazard Information and Packaging 'CHIP' regulations.

**SECTION 16 OTHER INFORMATION**

Full Text for Risk and Safety Phrases mentioned in this SDS (according to current UK Chemicals Hazard Information and Packaging (CHIP) regulations and EU Directive 1999/45/EC):

**Hazard Symbols**

Xi Irritant

Xn Harmful

**RISK PHRASES**

R22 - Harmful if swallowed.

R41 - Risk of serious damage to eyes.

R43 - May cause sensitisation by skin contact

R52/53 Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29 Do not empty into drains.

S36/38/39 Wear suitable protective clothing Wear eye/face protection. Wear respiratory equipment if Insufficient ventilation.

S45 In case of accident or if you feel unwell, seek medical advice immediately

DISCLAIMER To best of our knowledge the information contained herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.