

# CROMARTIE

60 years at the centre of ceramics

Park Hall Rd Longton Stoke-on-Trent Staffs ST3 5AY UK

e mail: [enquiries@cromartie.co.uk](mailto:enquiries@cromartie.co.uk) web site: [www.cromartie.co.uk](http://www.cromartie.co.uk)

Tel: 01782 313947 - 01782 319435 Fax: 01782 599723

## MATERIAL SAFETY DATA SHEET (cosh11)

12 January 2006

### 1. Identification of the preparation/Supplier reference

Trade Name : CH1070 Ex-cel slip, and plastic clays: CH1001, CH1030, CH1040, CH1055.

Chemical name/ Synonyms: Prepared Clay in plastic form, Ceramic body in liquid slip form

Supplier: Cromartie Hobbycraft Ltd, Stoke on Trent. ST3 5AY, UK

Emergency numbers 01782 313947 – email: [enquiries@cromartie.co.uk](mailto:enquiries@cromartie.co.uk)

### 2. Composition

Component CAS EINECS % of composition

'Low toxicity dust' (e.g. felspathic and ceramic materials, clays) 14808-60-7

major component Crystalline silica, quartz <50%

Products may include trace amounts of organic identification dyestuffs

### 3. Health Hazard Identification.

If the product is allowed to dry, any powder product generated is hazardous to health by inhalation. Excessive and repeated inhalation of quartz over a prolonged period can cause chronic lung damage.

Product in the plastic form is not classified as dangerous for labeling purposes (UK Reg). Inhalation: Excessive exposure may cause symptoms of chronic lung disease

Ingestion: The product is of low solubility in body fluids and it is likely to be of low acute toxicity.

Eyes: May cause physical irritation and inflammation

Skin: The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

### 4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention

Ingestion Do not induce vomiting. Rinse mouth with water and give 200-300ml (half a pint) of water to drink, provided the patient is conscious.

Eyes Wash immediately with copious amounts of water for 15 minutes and seek medical advice

Skin: Remove contaminated clothing. Wash affected areas with soap and water.

Seek medical advice if irritation persists.

### 5. Fire Fighting Measures

The product is not combustible or explosive. It is compatible with all standard fire-fighting techniques (e.g. use of water, carbon dioxide, dry powder, sand and chemical foam extinguishers).

### 6. Accidental Release Measures

Leaks & Spills Place waste in suitable container prior to disposal. Small spillage may be washed to drains with plenty of water, provided effluent conditions are complied with.

Refer further to sections 7 and 13

### 7. Handling & Storage

Handling: Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. If during processing exposure to dust can occur the use of local exhaust ventilation is the recommended means of complying with Occupational Exposure Limits. Refer further to section 8.

Storage: Store in sealed packaging (e.g. as supplied) in normal, dry conditions to ensure

loss of moisture is minimized.

### **8. Exposure Control/Personal protective Equipment**

Engineering controls: Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended. Refer to the latest edition of HSE Guidance note EH40

Personal protective equipment

Respiratory protection

Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141143 or 149 should be worn.

Hand/skin protection: protective gloves and overalls which do not retain dust are recommended for prolonged contact.

Eye protection: Safety glasses or goggles to BS2092 are recommended if contact with eyes is otherwise possible.

### **9. Physical & Chemical properties: Liquid.**

Odour: odourless

PH: Not available

Melting point: (°C) Greater than 1000°C (dry product)

Specific gravity: (20°C) Ca. 2.6 (dry product)

Explosive properties: Non-explosive

Oxidising properties Non-oxidising

Solubility in water: Negligible (dry product)

### **10. Stability & Reactivity**

Chemical stability: Stable under normal conditions, except that loss of moisture will occur on exposure to atmosphere.

Conditions/materials to avoid: None under foreseeable circumstances

Hazardous decomposition: Will not occur.

Hazardous polymerization products None under foreseeable circumstances.

### **11. Toxicology Information**

Acute toxicology No specific test data available

Health effects Chronic lung damage (silicosis) may result from repeated, excessive inhalation of crystalline silica.

### **12. Ecological information**

Ecotoxicity: No specific data available

Persistence: Products are essentially insoluble in water

### **13. Disposal**

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method. Small amounts may be washed to trade effluent drains provided effluent conditions are complied with.

### **14. Transport Information**

UN/SI No. Not classified

UN Class Not classified

Packing group Not classified

Road UK Not classified

ADR Not classified

Sea IMO Not classified

Air ICAO Not classified

## **15. Regulatory information**

EC Supply Labelling Chemicals (Hazard Information and Packaging) regulations (CHIP)

SI1993 No. 1746

HARMFUL Xn

R-Phrases R20 harmful by inhalation

R48 danger of serious damage to health by prolonged exposure

S-Phrases S22/23 do not breathe dust or spray

UK Occupational exposures limits\*

MEL Mg/m<sup>3</sup> 8 hr TWA % in product 0.3\* refer to HSE Guidance note EH40

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk

## **16. Other information**

### **References**

COSHH ACOP HSC approved Code of Practice for the Control of Substances

Hazardous to Health Regulations 1994

CHIP 96 Chemicals (Hazard Information and Packaging for Supply)

Regulations 1996

CHIP SDS ACOPS HSC Approved Code of Practice for Safety data Sheets in

accordance with regulation 6 of the CHIP regulations HSE EH40 HSE Guidance note EH40 on

Occupational Exposure Limits to be used in conjunction with the COSH regulations

BS2092 specifications for industrial eye protectors HSE/HMSO publications

Guidance note EH44 dust in the workplace - general principles of protection

Guidance booklet HS(G) 37 An introduction to Local exhaust Ventilation

Guidance booklet HS(G) 53 Respiratory protective equipment - a practical guide for user

This data sheet revision is in accordance with the requirements of EEC directive 91/155/EEC

### **Footnote**

#### **LIABILITY**

Such information is the best of Cromartie Hobbycraft Ltd's knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document. However, no representation, warranty of guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

#### **THIRD PARTY MATERIALS**

Insofar as materials not manufactured or supplied by Cromartie Hobbycraft Ltd are used in conjunction with, or instead of Cromartie Hobbycraft Ltd materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Cromartie Hobbycraft Ltd materials in conjunctions with other materials.

## **17. National Legislation**

### **UK Legislation**

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993

Environmental Protection (Duty of Care) regulations 1992 SI 2839

Carriage of Dangerous goods by Road and Rail Regulations 1994

Control of pollution Act 1974

Environmental Protection Act 1990

Highly Flammable Liquids and Petroleum Spirit Regulations 1972

EH40 Occupational Exposure Limits

SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

**Important notes**

Design CHIP-002

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards. Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.