

CROMARTIE

60 years at the centre of ceramics

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MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name:

Underglaze pencils CH6060, CH6061, CH6062, CH6062, CH6053, CH6054, CH6065

Chemical name: None Synonyms: None

Supplier: Cromartie Hobbycraft Ltd Park Hall Road, Longton, Stoke-on-Trent. ST3 5AY

Emergency numbers 01782 313947 email: enquiries@cromartie.co.uk

2. Composition: Component CAS EINECS % of composition:

Cedar wood cased pencil, varnished with nitrocellulose lacquer in the colour of the lead, lead manufactured with a mixture of kaolin and pigment made of a mixture of alaki/alkaline earth and boron silicate glass

3. Health Hazard Identification

Inhalation: Excessive exposure to dust created using pencils 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 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, seek medical advice

Eyes Wash immediately with copious amounts of water

Skin Wash affected areas with water

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions

Special Exposure hazard: None

Personal protective equipment None other than required for surrounding fire conditions

6. Accidental Release Measures

Leaks & Spills If dust or loose part of the lead created, use suitable vacuum equipment where reasonably practicable, otherwise damp down and scoop into a receptacle

Personal protective equipment: Respiratory protective equipment if dust created

7. Handling & Storage

Handling: Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material

Storage: Store in dry area

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.

Personal protective equipment: Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour Solid coloured pencil, odourless

Flash point (°C) Not applicable

Flammability Not applicable

Explosive properties Non-explosive

Oxidising properties None

Specific gravity 3-5 pH value 7 (insoluble in water)

Melting point (°C) >1000° C

10. Stability & Reactivity

Chemical stability The material is stable

Conditions/materials to avoid None known

Hazardous decomposition products: None known

Hazardous polymerization products: None

11. Toxicology Information: Acute toxicology LD50 Oral >2000mg/kg

LD50 dermal not known

LD50 inhalation not known

Health effects Prolonged or repeated exposure above Occupational Exposure Standards may cause fibrosis of the lungs

12. Ecological information

Ecotoxicity The product contains heavy metals, do not throw in water without a previous WAK treatment.

Water Hazard Class: WGK(0) generally non water hazardous

Persistence The material is stable and will persist in the environment

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.

14. Transport Information

UN/ST No. Not classified

UN Class Not classified

Packing group: Not classified

Road UK ADR: Not classified

Sea IMO Not classified

Air ICAO Not classified

15. Regulatory information

EC Supply Labelling: Non hazardous

R-Phrases: None

S-Phrases: S2 keep out of reach of children

S20/21 when using do not eat, drink or smoke

UK Occupational exposures limits*

Mg/m³ 8 hr TWA % in product

* 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

Summary per product

CH6064 Contains yellow praeosodymium-Zircon (<12%)

CH6062 Contains Chrom-III oxide

CH6063 Contains cobalt silicate

CH6060, P4090 Contains Iron Chrome and Zinc oxides

CH6065 Contains cobalt, iron chrome III oxide pinel

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

Footnote**LIABILITY**

Such information is the best of Cromartie Hobbycraft Ltd' s knowledge and belief accurate at the date of publication,. No representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy themselves 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.

February 2008