CTM POTTERS SUPPLIES

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information		
Trade name	:	GS 14; Black
Company	:	CTM Potters Supplies Unit 10A, Millpark Industrial Estate White Cross Road Woodbury Salterton Nr. Exeter EX5 1EL
Telephone	:	01395-233-077
Fax	:	01395-233-905
E-mail address	:	admin@ctmpotterssupplies.co.uk
Use of the Substance/Preparation	:	Ceramic coating suited for firing, for glass and ceramics.

2. HAZARDS IDENTIFICATION

None hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Contents</u>	<u>% In Formulation</u> (Approximate)	<u>Workplace Exposure Limit</u> (LTE – 8 hour TWA)
Nickel Compounds	5.9	0.5 Mg/M ³
Cobalt & Compounds	17.6	0.1 Mg/M ³

This product is a practically insoluble spinel stain based on cobalt / nickel / manganese / iron. The heavy metal oxides are fixedly absorbed by the spinel lattice and thus lose their chemical, physical and physiological properties.

When supplied dry, this material offers the normal hazards associated with any dry powder of a slightly abrasive nature. In dry state, forms low toxicity dust with an occupational exposure value of 10 Mg/M^3 (nuisance dust). In slop state, organic binders / Antibacterial agents may be present – concentration less than 0.3% by weight.

4. FIRST AID MEASURES

General advice:

Remove contaminated or saturated clothing.

Inhalation:

Seek immediately a source of fresh air. If respiratory tracts are irritated, seek medical advice.

Skin contact:

Wash the affected area with soap and water. If irritation persists, seek medical attention.

Eye contact:

Flood with clean water for 15 minutes and seek medical advice if irritation persists.

Ingestion:

Do not induce vomiting. If patient is conscious, give water to drink.

5. FIRE-FIGHTING MEASURES

Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc. Care should be taken to observe the local surrounding area.

6. ACCIDENTAL RELEASE MEASURES

Large spillages of slop material should be absorbed with an inert material e.g. sand.

Remove any dry material either by a vacuum cleaner fitted with an efficient filter, or by wet sweeping to avoid creating dust. Any collected waste must be stored in a suitable container prior to disposal.

7. HANDLING AND STORAGE

Prevent extensive contact with eyes, skin and clothing.

Wash hands / skin after use. Do not eat, drink or smoke when using this material and keep away form animal feeding stuffs.

Local exhaust ventilation is recommended to comply with occupational exposure limits (see Guidance Note EH40 - Latest Edition).

Store in secure containers in dry conditions, avoiding extremes of temperature and protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

In conditions of spray mist or product dust, local exhaust ventilation should be provided to comply with Occupational Exposure Limits (see Guidance Note EH40 – latest edition).

Hand / Skin Protection:	Gloves (plastic or rubber, cotton lined).
Eye Protection:	Goggles (BS2092, Grade 1 : CDM).
Respiratory Protection:	If local exhaust ventilation is not adequate, HSE approved respiratory equipment Must be provided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:Aqueous suspension or fine dry powder.Odour:Odourless.Melting Point:Not applicable.

10. STABILITY AND REACTIVITY

Stable over normal conditions.

11. TOXICOLOGICAL INFORMATION

Experiments with spinel black pigment do not display acute toxicity. Acute irritant effect were not shown in tests to determine the acute irritation of the skin / mucous membranes. Due to their insolubility the stains can be regarded as not bio-available.

12. ECOLOGICAL INFORMATION

In experiments on fish and daphnia spinel black stains do not display acute toxicity. The products do not represent any hazard for the environment owing to their practically insoluble character.

13. DISPOSAL CONSIDERATIONS

Material should be disposed of to comply with local regulations.

14. TRANSPORT INFORMATION

None hazardous for transportation - no special precautions required.

15. REGULATORY INFORMATION

None hazardous.

16. OTHER INFORMATION

Good industrial hygiene practices are recommended when handling and using this product.

Further Information:

Data sheet producing department: CTM Potters Supplies Telephone: 01395-233-077

Disclaimer:

The information contained in this safety data sheet has been prepared using the best available information, however in view of technical developments, this may alter. 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. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.