

SAFETY DATA SHEET**Duncan Covercoat Underglaze Range****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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| Product name | Duncan Covercoat Underglaze Range (All colours).- 2 |
| Product numbers | CC143, CC144, CC145, CC146, CC148, CC150, CC151, CC152, CC153, CC154, CC558 CC156, CC157, CC158, CC159, CC160, CC161, CC163, CC164, CC165, CC169, CC170, CC171, CC172, CC173, CC174, CC138, CC180, CC181, CC183, CC184, CC185, CC186, CC187, CC190, CC191, CC192, CC193, CC194, CC196, CC201, CC202, CC203, CC204, CC205, CC206.. |
| Product Description | Non-toxic Under glazes |

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

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| Identified uses | Ceramic underglaze colours for painting. |
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1.3. Details of the supplier of the safety data sheet

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| Supplier | Pottery crafts Ltd., Campbell Road, Stoke-on-Trent, Staffordshire, UK. ST4 4ET. Tel 44 (0)1782 745000 sales@pottery crafts.co.uk |
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1.4. Emergency telephone number

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| Emergency telephone | +44(0) 1782 745000 Office Hours Mon-Friday 08:45 – 16:30 hours. |
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

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|------------------------------|----------------|
| Classification | |
| Physical hazards | Not Classified |
| Health hazards | Not Classified |
| Environmental hazards | Not Classified |

2.2. Label elements

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| Hazard statements | NC : Not Classified. |
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3. COMPOSITION / INGREDIENT INFORMATION**3.2 Mixtures****Chemical characterization & comments.**

Preparation of ceramic frits (fused silicate glass substances), inorganic pigments and raw materials. There are no classified ingredients, or those present having exposure limits above the level of disclosure.

4. FIRST AID MEASURES

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| Eye Contact : | Flush eyes with large amounts of water until irritation subsides. Consult a physician If irritation persists. |
| Skin Contact | Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists. |
| Inhalation | Move subject to fresh air. Consult a physician if symptoms persist. Ingestion: If swallowed, give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person. |

5. FIRE FIGHTING MEASURES

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| Autoignition Temperature: | Non-flammable |
| Flash Point: | Not Applicable |
| Upper Explosive Limit (%): | Not Applicable |
| Lower Explosive Limit (%): | Not Applicable |
| Extinguisher Media: | CO2, Dry Chemical, Foam – Use extinguishing media appropriate for surrounding fire. |

Special Firefighting Procedures: Not Applicable
Fire & Explosion Hazards: Not Applicable
NFPA Flammability Hazard Class: 0 = Insignificant

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Spills should be taken up with suitable absorbent material and placed in containers. Spill areas can be washed with water; collect wash water for approved disposal. Do not flush to storm sewer or waterway.

For safety and environmental precautions, please review entire **Safety Data Sheet** for necessary information.

7. HANDLING AND STORAGE

Storage Temperature: 4°C – 38°C
Handling / Storage: Protect from freezing; keep container sealed when not in use
Ventilation Requirements: General

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Conditions Under Which Personal

Protective Equipment Required: Normal work conditions, maintenance / repair
Eye Protection Requirements: Wear safety glasses with side shields; protect against splashing
Glove Requirements: Gloves not normally required for foreseeable conditions of use.
Clothing Requirements: Protective clothing is normally not necessary for foreseeable conditions of use.

Change / Removal of Clothing: None required
Wash Requirements: Good hygiene practices should be followed
Respirator Requirements: NIOSH approved respirator for sprays and mists recommended if using a sprayer
Ventilation Requirements: General; local exhaust ventilation recommended when spraying

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Physical Description: Various coloured liquids. Odourless

pH: 7 - 10
Boiling Point: 100°C
Freezing Point: Approx. 0°C (32° F)
Melting Point: 1832° F (1000 °C)
Solubility in Water: Miscible
Specific Gravity (Water = 1): 1.3 – 1.8
Bulk Density: 10.8 – 15.0 lb / gal
Evaporation Rate (Water = 1): 1
Vapour Pressure: 17.5 mm Hg @ 20 C (68 F)
Autoignition Temperature: Not Applicable
Flash Point: Not Applicable
Oxidizing Properties: Not Applicable

10. STABILITY AND REACTIVITY

Stability: Stable
Incompatible Materials: None known
NFPA Reactivity Class: 0 = Insignificant
Hazardous Decomposition Products: Avoid fumes when firing
Hazardous Polymerization: Will not occur
Conditions to Avoid: None Known

11. TOXICOLOGICAL INFORMATION

Route of Entry **Acute (Short-Term) Effects of Exposure**
Eye contact, skin contact, inhalation, ingestion

Acute Effects – Eye: Slight, transient
Acute Effects – Skin Contact: No known signs or symptoms associated with exposure to product
Acute Effects – Inhalation: No known signs or symptoms associated with exposure to product
Acute Effects – Ingestion: No known signs or symptoms associated with exposure to product

Chronic (Long-Term) Effects of Exposure

Effect of Chronic Exposure: This product should be considered non – hazardous and has no known chronic effects.

12. ECOLOGICAL INFORMATION

No applicable data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Waste disposal should be in accordance with existing Federal, State, and Local environmental regulations.
Empty Container Warnings: Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

14. TRANSPORT INFORMATION

General The product is not covered by International regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

15. REGULATORY INFORMATION

TSCA: All components are on the TSCA Inventory
FDA: 21CFR175.105
SARA/Title III: This product contains no substances at or above the reported threshold under Section 313, based on available data.



Products bearing the Nontoxic Product Seal are certified in a program of toxicological evaluation by a nationally recognized toxicologist to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. These products are certified to be labelled in accordance with the voluntary chronic hazard labelling standard ASTM D-4236. In addition, there is no physical hazard as defined within 29 CFR Part 1910.1200(c).

16. OTHER INFORMATION

Table of Abbreviations

| | |
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| ACGIH | American Conference of Governmental Industrial Hygienists |
| ANSI | American National Standards Institute |
| ASTM | American Society for Testing Materials |
| ° C | Degrees Centigrade |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act |
| CFR | Code of Federal Regulations |
| CPR | Controlled Products Regulations DOT Department of Transportation |
| EPA | Environmental Protection Agency |
| ° F | Degrees Fahrenheit |
| FDA | Food & Drug Administration g / l Grams per liter |
| DOT | Department of Transportation |
| EPA | Environmental Protection Agency |
| ° F | Degrees Fahrenheit |
| FDA | Food & Drug Administration |
| g / l | Grams per liter Hg Mercury |

| | |
|----------------|---|
| HMIS | Hazardous Materials Identification System |
| IARC | International Agency for Research on Cancer |
| LD | Lethal Dose |
| mg / kg | Milligram per kilogram |
| mm | Millimeter SDS Safety Data Sheet |
| MSHA | Mine Safety and Health Administration |
| N / A | Not Applicable |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |

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| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| Ppm | Parts per million |
| SARA | Superfund Amendment and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TSCA | Toxic Substances Control Act |
| TWA | Time - Weighted Average |
| U.N. | United Nations |
| WHMIS | Workplace Hazardous Materials Information System |
| > | Greater Than |
| < | Less Than |

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| Creation Date: | 29/01/2013 |
| Revision Date: | 29 th January 2018. |
| Technical Contact: | Product Regulation Dept. |
| Hazard Statements | NC : Not Classified |

Disclaimer

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.