



CLAYMAN

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SAFETY DATA SHEET

| | |
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| 3183 | CARBON BLACK MULTI-COLOUR |
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| 1. Identification of substance/preparation and of the company undertaking | |
| Trade name: | Carbon Black Multi-Colour |
| Chemical Name: | Spinels, chromium cobalt iron black. |

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| 2. Composition /information on ingredients | | |
| Component | CAS | % of composition |
| C.I. Pigment Black 27 | 68186-97-0 | 100 |

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| 3. Hazards Identification | |
| 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. Some cobalt compounds have been known to produce dermatitis and sensitisation. |

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| 4. First Aid Measures | |
| Inhalation | Remove patient to fresh air, loosen 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. |

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| 5. Fire Fighting Hazards | |
| Extinguishing media | Suitable for surrounding fire conditions. |
| Special exposure hazard | In the event of fire, the product may emit harmful or toxic fumes. |
| Personal Protective equipment | Self contained breathing apparatus. |



| 6. Accidental Release Measure | |
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| Leaks & spills | Use suitable vacuum equipment where practicable, otherwise damp down and scoop into container. |
| Personal protective equipment | Respiratory protective equipment. |

| 7. Handling & Storage | |
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| Handling | Do not eat, drink or smoke in areas where the material is used. Wash thoroughly after handling. |
| Storage | Store in a dry area. |

| 8. Exposure Control/Personal Protection | |
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| 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 L.E.V is not practicable and exposure is likely to be excessive, approved respiratory protection conforming to CEN standards pr EN140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact. |

| 9. Physical & Chemical Properties | |
|-----------------------------------|-------------------------|
| Appearance and odour | Black Powder, odourless |
| Flash Point | N.A. |
| Flammability | Inflammable |
| Explosive Properties | None explosive |
| Oxidising Properties | None |
| Specific Gravity | N.A. |
| Solubility | Insoluble |
| Melting Point | N.A. |

| 10. Stability & Reactivity | |
|-----------------------------------|------------|
| Chemical Stability | Stable |
| Conditions/ Materials to avoid | None Known |
| Hazardous decomposition products | None Known |
| Hazardous Polymerisation products | None |

| 11. Toxicological Information | |
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| Likely to be of low toxicity. | |

| 12. Ecological Information | |
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| Ecotoxicity | Not Known |
| Persistence | Not Known |



| 13. Disposal Considerations | |
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| Disposal of in. accordance with current waste disposal regulations (for U.K. Control of Pollution {Special Waste} Regulations 1980). Landfill is the most appropriate method. | |

| 14. Transport Information | | |
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| 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 | | | |
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| EC Supply Labelling: | HARMFUL Xn | | |
| R Phrases | R20/ 22 | Harmful by inhalation and if swallowed. | |
| | R33 | Danger of cumulative affects. | |
| | R43 | May cause sensitisation by skin contact | |
| S Phrases | S13 | Keep away from food, drink and animal feeding stuffs. | |
| | S20/ 21 | When using do not eat, drink or smoke. | |
| | S24 | Avoid contact with skin. | |
| UK Occupational Exposure Limits | Mg/m ³ | % in product | |
| Cobalt compounds (as Co) | 0.10 | 26.0 | |
| Chromium compounds | 0.50 | | |
| 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 constitutes the user's assessment of workplace risk. | | | |

| 16. Other Information | |
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| 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 COSHH regulations. |