

Material Safety Data Sheet

Issue Date : April - 2014

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| 1. Identification of the Product and the Company: | |
| Product Name : | Pigment Blue 15:4 |
| C.I. Name : | C.I. Pigment Blue 15:4 |
| C.I. No. : | 74160 |
| CAS No. : | 147-14-8 |
| Chemical Formula : | $C_{32}H_{16}CuN_8$ |
| | |
| Name of Company : | NEEL PIGMENTS PVT. LTD. |
| | 3442, GIDC Estate, Ankleshwar-393002, Gujarat, INDIA |
| Phone No. | +91-2646-225511 |
| 2. Hazards Identification | |
| Hazards Designation | Non hazardous to humans and the environment. |
| 3. Composition / Information on Ingredients | |
| Chemical Name | Copper Phthalocyanine Blue |
| Concentration | 100% |
| CAS Registry | 147-14-8 |
| Hazardous Components | None |
| 4. First Aid Measures: | |
| Inhaled | Remove victim to fresh Air immediately. If needed, perform artificial respiration. Consult Physician |
| Eye Contact | Flush eyes with water, if irritation persists consult physician |
| Skin Contact | Wash skin with soap and water, if irritation persists consult physician |
| 5. Fire Fighting Measures | |
| Flammability Class | Not Flammable. |
| Extinguishing Media | Water, Carbon dioxide, dry chemical powder or foam. |
| Special Protective Equipment | No particular measures required |
| Unusual fire and explosion hazard | Hydrogen chloride can be formed when burning |
| 6. Accidental release measures | |
| Personal precautions | Wear respirator and eye protection. |
| Environment precautions | Avoid raising dust, ventilate area. |
| Methods for cleaning up | Remove mechanically, wash spill site after material pickup |

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| 7. Handling & Storage | | | |
| Handling | | Normal precautions taken when handling chemicals should be observed. Avoid dust formation. If dust formation occurs take precautionary measures against discharges. | |
| Storage | | Keep packaging tightly closed and store in a dry & cool place | |
| 8. Exposure Controls & Personal Protection | | | |
| Exposure Control | | Good ventilation, use dust mask when packages is opened. | |
| Personal protection equipment | | Can use filter mask, rubber gloves and safety goggles. | |
| 9. Physical & Chemical Properties | | | |
| Appearance | Powder | Flash Point | Not Applicable |
| Colour | Bright Blue | Flammability | Non Flamable |
| Odour | Odourless | Explosive Properties | Not Applicable |
| pH value | 6 to 8 | VOC's | None |
| Boiling Point | Not Applicable | Specific Gravity | 1.55 approximately, |
| Melting Point | > 300 ^o C | Solubility in Water | Insoluble in water |
| 10. Stability & Reactivity | | | |
| Stability & Reactivity | | Stable under normal conditions | |
| Hazardous Decomposition Products | | None | |
| 11. Toxicological Indormation | | | |
| LD 50> 5000 mg/kg (oral, rat) | | Product is non irritant to skin and eyes. | |
| 12. Ecological Information | | | |
| Mobility | | Non volatile, Insoluble in water. | |
| 13. Disposal Information | | | |
| As per local law. | | | |
| 14. Transport Information | | | |
| The product does not constitute hazardous substance in national / international road, rail, sea and air transport | | | |
| 15. Regulatory Information | | | |
| Risk phrases | | Not subject to labeling | |
| Safety phrases | | Not subject to labeling | |
| 16. Other Information | | | |
| The information given here is based on best of available knowledge & experience. The purpose of this Safety Data Sheet is to describe the products in term of their safety requirements. NEEL PIGMENTS PVT LTD. cannot guarantee its accuracy and assumes no responsibility for the conditions resulting from its use. | | | |