



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

| 1. Product and Company Identification |   |
|---------------------------------------|---|
| Product Name                          | InstaColor Dye – Orange                         |
| Manufacturer's name                   | Horizons Incorporated                           |
| Address                               | 18531 South Miles Road<br>Cleveland, Ohio 44128 |
| Emergency Telephone Number            | (216) 475-0555                                  |
| Information Telephone Number          | (216) 475-0555                                  |

| 2. Hazards Identification   |  |
|---|--|
| <b>GHS Classification</b>   |  |
| H303<br>H333<br>H313<br>H316<br>H320                                      | Acute toxicity, Oral – Category 5<br>Acute toxicity, Inhalation – Category 5<br>Acute toxicity, Dermal – Category 5<br>Skin corrosion/irritation – Category 3<br>Serious eye damage/eye irritation – Category 2B   |
| <b>GHS Label Elements</b>   |  |
| Hazard Pictogram  | <i>No symbol</i>   |
| Signal Word   | Warning  |
| <b>Hazard Statements</b>  |  |
| H303<br>H313<br>H333<br>H316<br>H320                                      | May be harmful if swallowed<br>May be harmful in contact with skin<br>May be harmful if inhaled<br>Causes mild skin irritation<br>Causes eye irritation  |
| <b>Precautionary Statements</b>   |  |
| P280<br>P264<br>P302+P352<br>P305+P351+P338<br><br>P332+P337+P313<br>P312 | Wear protective gloves and eye protection<br>Wash thoroughly after handling<br>IF ON SKIN: flush area of contact with water<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing<br>If skin or eye irritation occurs or persists: Get medical advice/attention<br>Call a poison center/doctor if you feel unwell |

| 3. Composition/Information on Ingredients              |               |     |
|--|---------------|-----|
| Components/ Materials                                  | CAS Number    | %   |
| Solvent Red 92   | Not available | 100 |
| Chromium III (as an integral part of the dye molecule) | 7440-47-3     | <6  |

| 4. First Aid Measures |   |
|-----------------------|---|
| Inhalation            | Promptly remove to fresh air. If breathing is stopped, administer artificial respiration. Get medical attention immediately.  |
| Skin Contact          | Wash affected area with soap & water after contact. Rinse immediately with plenty of water for at least 15 minutes Remove & wash contaminated clothing before reuse. If irritation develops, get medical attention. |
| Eye Contact           | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops & persists.   |
| Ingestion             | If ingested, do not induce vomiting. Do not give anything to drink. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.                                   |

| <b>5. Fire Fighting Measures</b>       |   |
|--|---|
| <b>Flammable Properties</b>            | Flash point – None  |
| <b>Flammable Limits</b>                |   |
| Lower Flammable Limit                  | Not available   |
| Upper Flammable Limit                  | Not available   |
| <b>Hazardous Combustion Products</b>   | Thermal decomposition may produce oxides of carbon, nitrogen, chromium, & sulfur. Chlorine compounds may also be produced. Ash will contain chromium.   |
| <b>Unusual Fire/Explosion Hazards</b>  | Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation. |
| <b>Extinguishing Media</b>             | Dry chemical, water, foam, or carbon dioxide.   |
| <b>Special Firefighting Procedures</b> | Prevent run off to sewers and bodies of water from fire fighting involving this product as product contains Clean Water Act priority pollutants and may be considered a RCRS hazardous waste.   |

| <b>6. Accidental Release Measures</b> |  |
|---------------------------------------|--|
| <b>Small Spill</b>                    | Vacuum or sweep up material and place into a suitable disposal container.  |
| <b>Large Spill</b>                    | Wear proper protective equipment. Vacuuming or wet sweeping may be used to avoid dust dispersal. Clean-up by removal of contaminated soil or by flushing with a limited quantity of water if appropriate. Place material or contaminated soils in a suitable disposal container. Avoid runoff to sewers and bodies of water. |

| <b>7. Handling and Storage</b> |   |
|--------------------------------|---|
| <b>Handling</b>                | Minimize dust generation and accumulation. Keep away from sources of ignition. Lead off electrostatic charges. Avoid contact with eyes, and clothing. Keep container closed. Use only in a well ventilated area. Wash thoroughly after handling. Avoid prolonged or repeated breathing of dusts. Avoid prolonged or repeated contact with skin. |
| <b>Storage</b>                 | Store between 65-85°F. Keep containers sealed when not in use.  |

| <b>8. Exposure Control/Personal Protection</b> |  |                           |                          |       |
|--|--|---------------------------|--------------------------|-------|
| <b>Exposure Limits</b>                         |  |                           |                          |       |
| Chemical Name                                  | CAS No.  | OSHA                      | ACGIH                    | NIOSH |
| Solvent Red 92                                 |  | ND                        | ND                       | ND    |
| Chromium III compounds                         | 7440-47-3  | 0.5 mg/m <sup>3</sup> TWA | 0.5mg/m <sup>3</sup> TLV | ND    |
| ND – Not Determined                            |  |                           |                          |       |
| <b>Engineering Controls</b>                    | A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.   |                           |                          |       |
| <b>Respiratory Protection</b>                  | When respiratory protection is required, use a NIOSH approved air-purifying respirator equipped with a high efficiency dust/mist filter. For emergency and other conditions where exposure limits may be greatly exceeded, use an approved positive-pressure, self-contained breathing apparatus or positive-pressure air line with auxiliary self-contained air supply. |                           |                          |       |
| <b>Skin Protection</b>                         | Wear protective gloves and clothing.   |                           |                          |       |
| <b>Eye Protection</b>                          | Use safety glasses with side shields or, preferably, chemical goggles.   |                           |                          |       |

| <b>9. Physical and Chemical Properties</b> |  |
|--|--|
| Boiling Point                              | Not available                            |
| Specific Gravity                           | 1.2                                      |
| % Volatiles                                | None                                     |
| Solubility in Water                        | Insoluble                                |
| pH   | Approx. 6 (20°C, 1%, aqueous suspension) |
| Odor                                       | None                                     |
| Form                                       | Powder                                   |
| Color                                      | Red                                      |
| VOC  | None                                     |

| <b>10. Stability and Reactivity</b>     |  |
|---|--|
| <b>Chemical Stability</b>               | Stable under normal storage conditions   |
| <b>Conditions to Avoid</b>              | Keep product away from heat, sparks, static electricity, and open flame.   |
| <b>Incompatibility</b>                  | Strong oxidizing agents.   |
| <b>Hazardous Decomposition Products</b> | Burning may produce oxides of carbon, nitrogen, chromium, & sulfur. Chlorine compounds may also be produced when heated to decomposition. . Ash will contain chromium. |
| <b>Hazardous Polymerization</b>         | Will not occur   |

| <b>11. Toxicological Information</b>          |  |
|---|--|
| Results of component toxicity test performed: |  |
| Data for Solvent Red 92                       | Acute Toxicity Data: Oral rat LD50: >10000 mg/kg;<br>Skin irritation: Non-irritant (rabbit), Method: OECD 404<br>Eye irritation: Non-irritant (rabbit), Method: OECD 405 |

| <b>12. Ecological Information</b>   |    |
|---|----|
| The following properties are ESTIMATED from the components of the preparations. |    |
| Potential Toxicity:   |    |
| Toxicity to Danio rerio (LC50):   | ND |
| Toxicity to Daphnia magna (EC50):   | ND |
| Persistence and degradability   | ND |
| Chemical Oxygen Demand (COD)  | ND |
| Biochemical Oxygen Demand (BOD)   | ND |
| Chemical Fate Information   | ND |

| <b>13. Disposal Considerations</b>  |  |
|---|--|
| Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities should be incinerated or may be landfilled in approved systems. Note that Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.   |  |
| This product contains chromium predominantly in the trivalent state. Under certain conditions chromium can be oxidized to the hexavalent state. Wastes containing hexavalent chromium may be D007 RCRA hazardous wastes per 40 CFR 261.24. Wastes containing exclusively or nearly exclusively trivalent chromium are not hazardous wastes per 40 CFR 261.4(6) (l) (4). |  |
| Contact a licensed professional waste disposal service to dispose of large quantities of this material  |  |

| <b>14. Transport Information</b> |                                      |
|----------------------------------|--------------------------------------|
| <b>Proper Shipping Name</b>      | Chemicals, N.O.S., Not DOT Regulated |
| <b>UN No.</b>                    | None                                 |
| <b>IATA Class</b>                | Not Regulated                        |
| <b>Packing Group</b>             | Not applicable                       |

| <b>15. Regulatory Information</b>             |   |
|---|---|
| <b>U.S. Federal Regulations</b>               |   |
| <b>TSCA Section 8 (b) Inventory</b>           | All components are listed on the TSCA Chemical Inventory  |
| <b>OSHA</b>                                   | Hazardous by definition of Hazard Communications Standard (29CFR1910.1200)  |
| <b>SARA Hazard Category</b>                   |   |
| <b>SARA 302 Components</b>                    | None  |
| <b>SARA 313 Components</b>                    | Chromium (III) Compounds  |
| <b>SARA 311/312 Hazards</b>                   | Acute health Hazard, Chronic health Hazard  |
| <b>Clean Water Act</b>                        | Contains priority pollutant chromium at concentrations >0.1%  |
| <b>CERCLA</b>                                 | Chromium (RQ 2270 Kg)   |
| <b>State Regulations</b>                      |   |
| <b>Massachusetts Right To Know Components</b> | None  |
| <b>Pennsylvania Right To Know Components</b>  | None  |
| <b>New Jersey Right To Know Components</b>    | None  |
| <b>California Proposition 65 Components</b>   | This product does not contain any chemical known to the State of California to cause cancer or reproductive harm. |

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| <b>16. Other Information</b> |
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| <p>The information in this material safety data sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations &amp; management, and for persons working with or handling this product. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions but does not purport to be all inclusive. Horizons Incorporated shall not be held liable for any damage resulting from handling or from contact with the above product.</p> |
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