



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 – Brown
Manufacturer's name	Horizons Incorporated
Address	18531 South Miles Road Cleveland, Ohio 44128
Emergency Telephone Number	(216) 475-0555
Information Telephone Number	(216) 475-0555

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

3. Composition/Information on Ingredients		
Components/ Materials	CAS Number	%
Solvent Yellow 62	Not available	<45
Acid Violet 66	Not available	<60
Chromium III (as an integral part of the dye molecule)	7440-47-3	<5
Cobalt (as an integral part of the dye molecule)	7440-48-4	<5

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.

5. Fire Fighting Measures	
Flammable Properties	Flash point – None
Flammable Limits	
Lower Flammable Limit	Not available
Upper Flammable Limit	Not available
Hazardous Combustion Products	Thermal decomposition may produce oxides of carbon, nitrogen, chromium, cobalt & sulfur. Ash will contain chromium and cobalt.
Unusual Fire/Explosion Hazards	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.
Extinguishing Media	Dry chemical, water, foam, or carbon dioxide.
Special Firefighting Procedures	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.

6. Accidental Release Measures	
Small Spill	Vacuum or sweep up material and place into a suitable disposal container.
Large Spill	Wear proper protective equipment. Product contains heavy metals. Spills should be swept or shoveled up and collected for disposal. 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.

7. Handling and Storage	
Handling	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.
Storage	Store between 65-85°F. Keep containers sealed when not in use.

8. Exposure Control/Personal Protection				
Exposure Limits				
Chemical Name	CAS No.	OSHA	ACGIH	NIOSH
Solvent Yellow 62		ND	ND	ND
Cobalt compounds	7440-48-4	0.1mg/m ³ , 8hr TWA	0.02mg/m ³ , TLV	ND
Acid Violet 66		ND	ND	ND
Chromium III compounds	7440-47-3	0.5 mg/m ³ TWA	0.5mg/m ³ TLV	ND
ND – Not Determined				
Engineering Controls	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.			
Respiratory Protection	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.			
Skin Protection	Wear protective gloves and clothing.			
Eye Protection	Use safety glasses with side shields or, preferably, chemical goggles.			

9. Physical and Chemical Properties	
Boiling Point	Not available
Specific Gravity	1.2
% Volatiles	None
Solubility in Water	Insoluble
pH	Approx. 6 (20°C, 10g/l, aqueous suspension)
Odor	None
Form	Powder
Color	Dark Brown
VOC	None

10. Stability and Reactivity

Chemical Stability	Stable under normal storage conditions
Conditions to Avoid	Keep product away from heat, sparks, static electricity, and open flame.
Incompatibility	Strong oxidizing agents.
Hazardous Decomposition Products	Burning may produce oxides of carbon, nitrogen, chromium, cobalt & sulfur. Ash will contain chromium & cobalt.
Hazardous Polymerization	Will not occur

11. Toxicological Information

Results of component toxicity test performed:

Data for Solvent Yellow 62	Acute Toxicity Data: Oral rat LD50: 980 mg/kg; Oral rabbit LD50: 3200 mg/kg; Oral mouse LD50: 3000 mg/kg; Draize Test, rabbit, eye: 100mg/24H Moderate Eye irritation: Non-irritant (rabbit), Method: OECD 405
Data for Acid Violet 66	No data available

12. Ecological Information

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

13. Disposal Considerations

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

14. Transport Information

Proper Shipping Name	Chemicals, N.O.S., Not DOT Regulated
UN No.	None
IATA Class	Not Regulated
Packing Group	Not applicable

15. Regulatory Information**U.S. Federal Regulations**

TSCA Section 8 (b) Inventory	All components are listed on the TSCA Chemical Inventory
OSHA	Hazardous by definition of Hazard Communications Standard (29CFR1910.1200)
SARA Hazard Category	
SARA 302 Components	None
SARA 313 Components	Chromium (III) Compounds, Cobalt Compounds
SARA 311/312 Hazards	Acute health Hazard, Chronic health Hazard
Clean Water Act	Contains priority pollutant chromium at concentrations >0.1%
CERCLA	Chromium (RQ 2270 Kg)

State Regulations

Massachusetts Right To Know Components	None
Pennsylvania Right To Know Components	None
New Jersey Right To Know Components	None
California Proposition 65 Components	This product does not contain any chemical known to the State of California to cause cancer or reproductive harm.

16. Other Information

HMIS

H - 2

F - 1

R - 0

PPE - E

<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 & 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>
