

Add A Color #4 Colorants SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier: Add A Color #4 Colorants

Recommended use: Floor Surfacing

Manufacturer Name: Dur-A-Flex, Inc.
95 Goodwin Street
East Hartford, CT 06108

Telephone number: 860-528-9838

Emergency phone number: 1-800- 424-9300 (CHEMTREC)

Date of Preparation: February 28, 2015

2. HAZARD(S) IDENTIFICATION

Physical	Health
Not Hazardous	Skin Irritation Category 2 Eye Damage Category 1

Labeling:

Danger!



Hazard statement(s)

Causes serious eye damage.
Causes skin irritation

Precautionary statement(s)

Wash thoroughly after handling.
Wear protective gloves and eye protection.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical attention.
Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.

3. COMPOSITION / INFORMATION ON INGREDIENTS
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Chemical name	CAS No.	Concentration
Polyester Resin	Mixture	25-100%
CI Pigment Yellow**	14059-33-7	0-50%
Carbon Black*	1333-86-4	0-25%

* The carbon black in this product is inextricably bound in a manner that no exposure occurs during normal use and handling. Therefore this product is not classified as a carcinogen.

** The CI Pigment Yellow in this product is inextricably bound in a manner that no exposure occurs during normal use and handling. Therefore the product is not classified for Specific Target Organ Toxicity Repeat Exposure Category 2.

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. Seek medical attention if irritation or other symptoms develop.

Skin contact: Remove contaminated clothing. Wash with soap and water. If irritation develops, get medical attention.

Eye contact: Immediately flush eyes with large amounts of water for 20 minutes, holding eyelids open. Get immediate medical attention.

Ingestion: If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

Most important symptoms/effects, acute and delayed: May cause eye irritation or burns. Permanent damage may occur. Causes skin irritation. May cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting or diarrhea.

Indication of immediate medical attention and special treatment, if necessary: If eye contact occurs, get immediate medical attention.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use media appropriate for the surrounding fire.

Specific hazards arising from the chemical: Combustion may produce carbon oxides and various hydrocarbons.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing as described in Section 8.

Environmental precautions: Avoid release to the environment. Report releases as required by local, state and federal authorities.

Methods and materials for containment and cleaning up: Collect with an inert absorbent and place into a container for disposal. Wash spill site with water.

7. HANDLING AND STORAGE

Precautions for safe handling: Prevent contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapors or mists. Wash thoroughly after handling. Use with adequate ventilation.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry location away from oxidizing agents and other incompatible materials. Protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Polyester Resin	None Established
CI Pigment Yellow	0.5 mg/m ³ Ceiling OSHA PEL (respirable dust) (as vanadium pentoxide) 0.1 mg/mg Ceiling OSHA PEL (fume) (as vanadium pentoxide) 0.05 mg/m ³ TWA ACGIH TLV (as vanadium pentoxide)
Carbon Black	3.5 mg/m ³ TWA OSHA PEL 3 mg/m ³ TWA ACGIH TLV (inhalable)

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to maintain exposures below occupational exposure limits.

Personal Protective Equipment:

Respiratory protection: If the exposures are excessive, a NIOSH approved respirator with a dust/mist filter or supplied air respirator is recommended. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin protection: Impervious gloves such as buty rubber or nitrile gloves are recommended to prevent skin contact

Eye protection: Chemical goggles are recommended if eye contact is possible.

Other: Impervious clothing as needed to prevent contact. An eye wash should be available in the immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Colored viscous liquid.

Odor: Slight odor.

Odor threshold: Not available	pH: Not available
Melting Point/Freezing Point: Not available	Boiling Point: Not available
Flash point: >230°F (110°C)	Evaporation rate: <1
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not available	UEL: Not available
Vapor pressure: Not available	Vapor density: Not available
Relative density: >1	Solubility(is): Negligible
Partition coefficient: n-Octanol/water: Not applicable	Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: None known.

Chemical stability: Stable.

Possibility of hazardous reactions: Not expected to be reactive.

Conditions to avoid: None known.

Incompatible materials: Avoid strong oxidizing agents, strong alkalis, peroxides and acids.

Hazardous decomposition products: Thermal decomposition may produce carbon monoxide, carbon dioxide and various hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of vapors or mists may cause irritation of the nose, throat and upper respiratory tract, difficulty in breathing and coughing.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin contact: Causes skin irritation with redness.

Eye contact: May cause severe irritation or burns with redness, tearing, itching and blurred vision. Permanent damage may occur.

Chronic effects from short- and long-term exposure: Prolonged overexposure to bismuth vanadate by inhalation may cause lung damage.

Reproductive Toxicity: This product is not expected to cause adverse reproductive or developmental effects.

Sensitization: This product has not been shown to cause sensitization in animals or humans.

Mutagenicity: This product is not expected to cause mutagenic activity.

Carcinogenicity: Carbon black is listed by IARC as a group 2B carcinogen (possibly carcinogenic to humans), and by ACGIH as an A3 (confirmed animal carcinogen with unknown relevance to humans). These components are encapsulated in a polymer matrix so no inhalable exposure occurs during use or disposal. None of the other components greater than 0.1% are listed by OSHA, IARC, NTP or ACGIH as a carcinogen.

Acute Toxicity Values:

Polyester Resin: No toxicity data available

Carbon Black: Oral rat LD50 > 8000 mg/kg, Inhalation rat LC50 > 4.6 mg/m³/4 hr.

CI Pigment Yellow: Oral rat LD50 > 5000 mg/kg, Inhalation rat LC50 > 5.15 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Polyester Resin: No data available

Carbon Black: 96 hr LC0 Danio rerio 1000 mg/L, 24 hr EC50 daphnia magna > 5600 mg/L, EC50

Desmodesmus subspicatus > 10000 mg/L

CI Pigment Yellow: 96 hr LC50 Danio rerio > 10000 mg/L, 48 hr EC50 daphnia magna > 100 mg/L, 72 hr EC50 > 100 mg/L

Persistence and degradability: Biodegradation is not applicable to inorganic substances.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	None	Not Regulated	None	None	None
TDG	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None
IATA	None	Not Regulated	None	None	None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Not hazardous

SARA 313 Information: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

CI Pigment Yellow (Bismuth Vanadate)	14059-33-7	45-50%
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California Proposition 65

This product contains the following chemicals known to the State of California to cause cancer or reproductive toxicity (birth defects): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

CANADA:

Canadian WHMIS Classification: Class D Division 2 Subdivision B (Toxic Material Causing other Toxic Effects)

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

16. OTHER INFORMATION

NFPA Rating: Health = 3 Flammability = 1 Instability = 0
HMIS Rating: Health = 3 Flammability = 1 Physical Hazard = 0

SDS Revision History: Converted to GHS format. All sections revised.

Date of preparation: February 28, 2015

Date of last revision: New SDS

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND USE.