

Development Corp.

1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610/559-8620

Product Name: **PolyColours: BLACK, BLUE, BROWN, GREEN, RED, YELLOW**

Chemical Family: Polymeric colourant

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Concentration</u>	<u>OSHA/ACGIH Exposure Limits</u>
Polymeric Colourant Blend, Proprietary CAS #	100%	None established

3. Health Hazards

OVERVIEW: The health hazard of these products is low under normal use conditions.

PRIMARY ROUTE(S) OF ENTRY: Skin or eye contact.

EYE: May cause slight eye irritation.

SKIN: Prolonged or repeated exposure may cause skin irritation and/or colouration.

INGESTION: Not considered a likely route of exposure. No additional information known.

INHALATION: At room temperature, vapours are minimal and material is not expected to be an inhalation hazard. No additional information known.

CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.

CHRONIC EFFECTS: None known.

4. First Aid Measures

EYE CONTACT: Flush with water for 15 minutes. Seek medical attention if symptoms persist.

SKIN CONTACT: Wipe off. Wash with soap and plenty of warm water. Seek medical attention if irritation develops.

INHALATION: Remove to fresh air. Treat symptoms. Seek medical attention if symptoms persist.

INGESTION: If alert, drink 2 glasses of water. Seek medical attention.

5. Fire Fighting Measures

FLASHPOINT: >300°F (estimated)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam, or water fog.

HAZARDOUS COMBUSTION PRODUCTS: Likely to include carbon monoxide, carbon dioxide, and unidentified toxic and irritating compounds.

OTHER INFORMATION: Firefighters wear protective gear and self-contained breathing apparatus (SCBA). Protect environment from runoff.

6. Accidental Release Measures

Clear non-emergency personnel from the area. Remove sources of ignition. Contain spill to minimize environmental contamination. Absorb spilled material with absorbent such as sawdust, vermiculite, or sand. Collect and containerize spill material. Dispose of in accordance with federal, state and local regulations.

7. Handling and Storage

HANDLING: Avoid contact with eyes, skin and clothing. Use in adequately ventilated area. Do not eat, drink or smoke in work area. Wash hands after handling. See also Section 8 of MSDS. STORAGE: Store indoors. Do not exceed 120°F. Store in original container tightly closed.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust to minimize airborne concentrations.

PERSONAL PROTECTIVE EQUIPMENT: Wear eye protection (e.g., safety glasses or chemical splash goggles), protective clothing, and impermeable gloves (e.g., nitrile or PVC-coated).

RESPIRATORY PROTECTION: Not necessary during normal use.

9. Physical Characteristics

APPEARANCE: Liquid, various colours

ODOR: Mild

BOILING POINT: > 100°C

VAPOR PRESSURE: < 1 mm Hg @ 25°C

SOLUBILITY IN WATER: Miscible

SPECIFIC GRAVITY: 1.1 @ 25°C

% VOLATILES: <0.5% @ 100°C

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid extreme temperatures.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Potentially oxides of carbon, organic acids, and other unidentified irritating or toxic compounds

11. Regulatory and Other Information

COMMUNITY- RIGHT-TO-KNOW: This product does not contain any compounds above the *de minimis* reporting levels subject to SARA Section 313 reporting requirements.

DISPOSAL: These materials are concentrated colorants and should not be allowed to enter soil or surface water. Upon disposal, this product is not a RCRA hazardous waste as defined in 40 CFR 26.1. Dispose of in accordance with state and local regulations.

TRANSPORT: Not a hazardous material for shipping purposes based on *United Nations Recommendations for the Transport of Dangerous Goods* and 49 CFR Part 171.

EUROPEAN DANGER SYMBOL: No Danger Symbol applies

WHMIS HAZARD SYMBOL: None apply

HMIS: Health = 1; Flammability = 0; Reactivity = 0; PPE = B

EMERGENCY SHIPPING INFORMATION: Call CHEMTREC, 800/424-9300.

REVISION INDICATOR: Added Brown.

DISCLAIMER: The information contained herein is considered accurate; however, Polytek makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.