

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Color FX
3400 N. Avondale Ave.
Chicago, IL 60618-5432
800-427-7633 (Information)
800-535-5053 (Transportation Emergencies Only)

SECTION I: PRODUCT IDENTIFICATION

Product Name: Color FX PP-91 2-Part Epoxy
Product Number: 58500-Yellow, 58502-White, 58503-Opaque White, 58505-Primrose, 58510-Medium Yellow, 58515-Yellow Gold, 58520-Orange, 58525-Warm Red, 58530-Fire Red, 58535-American Red, 58540-Deep Red, 58545-Rubine Red, 58550-Rhodamine Red, 58555-Purple, 58560-Process Blue, 58565-Reflex Blue, 58570-Deep Blue, 58575-Peacock Blue, 58580-Green, 58585-Bright Green, 58590-Deep Green, 58592-Black, 58595-Brown, 58825-Extender Base.

SECTION II: HAZARDOUS INGREDIENTS

Component (CAS #)	% by wt.	Exposure Limits		Vapor Pres. mmHg-68°F
		TLV	PEL	
Diacetone Alcohol (123-42-2)	3.3-10.26	50 ppm	50 ppm	.80
DPM Glycol Ether (34590-94-B)	9.93-30.9	150 ppm	150 ppm	.50
Cresyl Glycidyl Ether* (002210-79-9)	0.00-26.97	N.E.	N.E.	N.E.
Epoxy Resin* (25036-25-3)	18.28-56.88	N.E.	N.E.	N.A.
Epoxy Resin (025085-99-8)	0.00-39.51	N.E.	N.E.	N.A.

(*) These chemicals, or components contained within these items, are subject to the reporting requirements of SARA title III Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

SECTION III: PHYSICAL DATA

Vapor Density: >1 (Air = 1)
Boiling Range: >290°F
Evaporation Rate: <1 (n-Butyl Acetate = 1)
Sp. Gravity: 1.08-1.46
Wt. per gal: 9.01-12.17 (specific data available upon request)
% Volatile by weight: 15.75-41.16
V.O.C.'s: 243.60-452.40 grams per liter (Specific data available upon request)
Appearance and odor: Viscous liquid with characteristic odor.

SECTION IV: FIRE & EXPLOSION INFORMATION

FlashPoint: > than 100°F.

Flammable Limits in Air (by vol.): Lower- Mixture not tested.

Upper- Mixture not tested.

D.O.T. Flammability Classification: INK, Flammable Liquid, UN1210, PG III.

Extinguishing Media: Carbon Dioxide, foam or dry chemical. Water fog may be used to keep closed containers cool. Water or foam may cause frothing which can be violent.

Firefighting Procedures: Wear full-face shield with self-contained breathing apparatus operated in positive pressure mode, and chemical resistant personal protective clothing.

Unusual Fire and Explosion Hazards: Closed containers may explode when exposed to extreme heat. Keep cool with water fog. Vapors may travel along the ground and be ignited by an ignition source. Keep containers closed when not in use.

SECTION V: HEALTH HAZARD DATA

Primary routes of entry: Skin contact and breathing of vapors.

Health Risks

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: Prolonged exposure to vapors in poorly ventilated areas may cause irritation of mucous membranes in the nose, throat and respiratory tract. Symptoms may include dizziness, headache and nausea.

Ingestion: Ingestion is not likely and toxicity from a single oral dose is low. This material can enter the lungs during swallowing or vomiting causing severe lung damage.

First Aid

Eyes: Flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing and wash affected area with soap and warm water. If irritation persists, seek medical attention.

Inhalation: If breathing becomes difficult, leave area immediately and move to an area of fresh air. If breathing has stopped, begin artificial respiration procedures at once. Seek medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Solvents present in these products are an aspiration hazard.

Medical Conditions Prone to Aggravation by Exposure: Overexposure to solvents contained in this product has been suggested to cause the following effects in laboratory animals and may aggravate pre-existing disorders of these organs in humans: central nervous system damage, blood abnormalities, liver abnormalities, kidney damage, spleen damage, cataracts.

Carcinogenic Status: OSHA, NTP or IARC have identified none of the components listed in this product as carcinogens.

SECTION VI: REACTIVITY DATA

Stability: Product is stable.

Incompatibility: Avoid contact with strong oxidizers, and/or acids, amines & bases.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide and phenolics.

Conditions to Avoid: Keep away from open flame and excessive heat.

Hazardous Polymerization: Will not occur.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Small Spills: Small spills may be absorbed with inert materials such as clay, sand or other commercially available absorbents.

Large Spills: Eliminate all ignition sources. Large spills should be diked to prevent further movement. Contents should be reclaimed into recovery or salvage drums. Avoid run-off into sewers, drains or other open bodies of water. Notify authorities if this has occurred.

Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations.

Handling & Storage: Store product in an area away from extreme temperature conditions. Keep containers closed after use. Solvents contained in this product are non-conductors of electricity but may become electrostatically charged during mixing or transferring of contents. If this charge reaches a high enough level, sparks can form which can ignite vapors. Grounding of containers is recommended.

Other Precautions: Avoid breathing of spray mist and vapors. KEEP AWAY FROM CHILDREN.

SECTION VIII: PROTECTION & CONTROL MEASURES

Respiratory Protection: Wear an appropriate (NIOSH approved) respirator during application if air monitoring demonstrates that airborne particulate exceeds recommended thresh-hold limits.

Eye and Skin protection: Splash goggles and protective gloves are recommended to reduce the risk of eye and/or skin contact.

Ventilation: Ventilation sufficient in volume and pattern should be provided to keep air quality within approved OSHA levels. Explosion-proof equipment is recommended.

Other Protective Clothing & Equipment: Eye wash and safety shower are recommended if using this product in large concentrations. Always wash hands thoroughly when finished using this product.

SECTION IX: OTHER IMPORTANT INFORMATION

This information must be made available upon request and may be reproduced without permission.

Abbreviations: N.A.- Data or information not applicable.

N.E.- Data or information for this section or item has not yet been established or was unavailable at the time of MSDS preparation.

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