

Safety Data Sheet

Product Name: *Neon Orange*
Product Type: Colorant – Dyed Polymer
INCI Name: Polyester 3 (98-99%), Yellow 5 Dye (up to 2%)

PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder
Odor: Mild aldehyde odor
PH: Not Applicable
Specific Gravity: 1.3
Softening Point: 270-280° C

STABILITY AND REACTIVITY

Stability Data: Stable
Conditions/Hazards to Avoid: None known
Incompatibility (Materials to Avoid): No specific incompatibility but, as with other organic materials, avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: If involved in a fire, thermal decomposition may produce toxic oxides of carbon, sulfur, and/or nitrogen.
Polymerization: Will not occur

HANDLING AND STORAGE

Material may be slippery when wet. Store in cool dry place, away from flames, sparks, static build up and excessive heat. Avoid generating dust and breathing dust. Wash thoroughly after handling. Avoid contact with eyes and use only with adequate ventilation.

SPILLAGE, ACCIDENTAL RELEASE MEASURES

Spill Procedures: Scoop up or vacuum into a container for reclamation or disposal
Environmental Precautions: No special environmental precautions are required

EXPOSURE CONTROLS/PERSONAL PROTECTON

Material	OSHA PEL	AGGIH TLV
Product	not established	not established
Particulates Not Otherwise Regulated (PNOR)	15mg/m ³	not applicable
Particulates Not Otherwise Classified (PNOC)	not applicable	10 mg/m ³
Formaldehyde 0.	75ppm, 2ppm STEL	0.3ppm (ceiling)

Eye protective equipment: Safety glasses with side shields
Hand protection: Latex or nitrile gloves should be worn when handling product
Respiratory protection: Use a NIOSH approved formaldehyde vapor respirator if formaldehyde exposure limits may be exceeded.
Skin protection: Use apron, boots or full protective suit
Ventilation: General ventilation, exhaust ventilation is recommended, control exposures to within applicable limits.

HAZARDS IDENTIFICATION

Potential Health Effects: Eye contact may irritate or scratch the surface of the eye. Moderate skin contact should not irritate but excessive or prolonged contact or rubbing may cause mechanical irritation. Excessive inhalation of dust may irritate the respiratory tract. Under some conditions of use and storage, air concentrations of formaldehyde reaching or exceeding 0.1 ppm may occur.
Formaldehyde is a potential cancer hazard, highly irritating to the eyes, nasal passages, and throat, and may cause sensitization of the respiratory system.

Inhalation: May cause irritation of the respiratory tract. Prolonged or repeated exposure may cause lung damage.

Ingestion: No adverse health effects are expected from swallowing.

Skin Contact: May cause skin irritation.

Eye Contact: Dust may cause irritation and inflammation.

CARCINOGENICITY: This product is not considered a carcinogen by OSHA, NTP, or IARC. However, formaldehyde, a byproduct of this product, is a potential cancer hazard (OSHA), a suspected human carcinogen (ACGIH), a probable human carcinogen (IARC), and an animal carcinogen (IARC, NTP). In 1987, the U.S. Environmental Protection Agency (EPA) classified formaldehyde as a probable human carcinogen under conditions of unusually high or prolonged exposure.

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The International Agency for Research on Cancer (IARC) classifies formaldehyde as a human carcinogen. In 2011, the National Toxicology Program, an interagency program of the Department of Health and Human Services, named formaldehyde as a known human carcinogen in its 12th Report on Carcinogens.

Aggravated Medical Conditions: By exposure to the product, none known. By exposure to formaldehyde, chronic diseases of the respiratory system, skin, and eyes.

FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get medical attention

Ingestion: If large quantities are ingested, seek medical advice. Not a hazard under normal use conditions.

Skin Contact: Wash with soap and water. Get medical attention if irritation persists.

Eye Contact: In case of contact, immediately flush eyes with water for 15 minutes and get medical attention if irritation persists.

FIRE FIGHTING MEASURES

Flash Point: None

Flammable Limits in Air: Not applicable for product. For formaldehyde, LEL=7%, UEL=73%.

Extinguishing Media: Foam, CO₂, dry chemical, water fog.

Unusual Fire and Explosion Hazards: May form an explosive dust cloud if the finely divided particles are suspended in air.

Fire Fighting Procedures: Positive pressure. Use self-contained breathing apparatus to protect against potential harmful and/or irritating fumes.

TOXICOLOGICAL INFORMATION

MATERIAL	ACUTE ORAL	Toxicity PRIMARY SKIN	INHALATION
Product	>5000 mg/kg	Draize score = 0.4, (non - irritating)	not established
Formaldehyde	800mg/kg (LD50)	270 mg/kg (LD50)	474 ppm (4hr)

DISPOSAL CONSIDERATIONS

RCRA Status: This product, if discarded, is not regulated as a hazardous waste under 40 CFR 261.

Disposal of Waste Method: Dispose of unused product and empty containers in accordance with all applicable Federal, state and local environmental regulations. Do not dump into sewers, on the ground, or in any body of water.

ECOLOGICAL INFORMATION

Static Acute Aquatic Toxicity: Product, LC₅₀ = not established; Formaldehyde, LC₅₀ (various fish species) 10-1000ppm

TRANSPORT INFORMATION

This product is not regulated as a hazardous material by U.S. DOT.

REGULATORY INFORMATION

United States: OSHA STATUS: This product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA 302 Hazard Categories: None

SARA 311/312 Hazard Categories:

Acute: Yes

Chronic: Yes

Fire: Yes

Sudden release of pressure: No

Reactive: No

Section 313 Toxic Chemicals: No reportable components

CERCLA Reportable Qualities: None.

TSC A Inventory Status: Reported/included

HMIS RATING:

Health: 2

Flammability: 1

Reactivity: 0

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-Disclaimer-

The information contained herein is believed to be accurate, but is not warranted. Nothing contained herein constitutes a specification, nor is it intended to warrant suitability for the intended use. All data contained herein as per our supplier.