

CREANOVA Inc.
Division I Colorants Group

24 Hour Emergency Number: 800-424-9300
24 Hour CHEMTREC Number: 800-424-9300

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : POLYTREND® CHROME YELLOW MED
Synonyms : Pigment Dispersion
Product Use/Class: Non-aqueous Colorant

Supplier/Manufacturer:

CREANOVA Inc.
Turner Place, Box 365
Piscataway, NJ 08855
Environmental & Regulatory Affairs, Information Number: 732-981-5016

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

	CAS Number	Wt. %
Resin NJTSR No. 56705700001-5382P	Trade Secret	5 - 10 %
C.I. Pigment Yellow 34 (Lead sulfochromate)	001344-37-2	60 - 100 %

See Section 8 for Exposure Guidelines

3. HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***:

May cause skin and respiratory tract irritation.

POTENTIAL HEALTH EFFECTS

Eye Contact:

A slight irritant based on animal testing of a similar POLYTREND product.

Skin Contact:

Possibly irritating. A moderate irritant based on animal testing of a similar POLYTREND product. May cause redness and drying of skin. The product contains a component which is not a skin sensitizer but may be a fatiguing agent based on animal testing.

Inhalation:

Possibly irritating.

Ingestion:

May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

3. HAZARDS IDENTIFICATION (CONTINUED)

General:

Lead and lead compounds are cumulative poisons; blood levels can increase with repeated exposure causing blood, kidney, liver, reproductive, developmental and nervous system effects. Symptoms may include abdominal discomfort or pain, nausea, diarrhea, loss of appetite, dizziness, lassitude, incoordination and insomnia.

Lead chromate is listed as a suspect human carcinogen by IARC (Group 2B). However, recent toxicity data indicate that lead chromate pigments are non-carcinogenic or at least show extremely low carcinogenic potential based on lung implantation studies on rats. Furthermore, lead chromate pigments do not show an increase in lung cancer rates according to epidemiological studies of workers in factories which produce only lead chromate pigments.

4. FIRST AID MEASURES

FIRST AID

Eye Contact:

In case of contact, immediately flush eyes with plenty of water. Obtain medical attention if irritation develops.

Skin Contact:

Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If symptoms develop or persist, obtain medical attention. Wash clothing before reuse.

Inhalation:

Remove to fresh air. If not breathing, give CPR. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Have victim drink 8-10 ounces of water to dilute material in stomach. Get medical attention immediately. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point: > 230 °F

Lower Explosive Limit: Not available

Flash Point Method: Setaflex Closed Cup

Upper Explosive Limit: Not available

OSHA Flammability Classification: None

Autoignition Temperature: Not Determined

5. FIRE FIGHTING MEASURES (CONTINUED)

Extinguishing Media:

Use water spray or fog, foam, dry chemical or CO2.

Fire Fighting Procedures:

As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Ventilate area. Absorb spill with inert material and place in a chemical waste container. Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil. Use personal protective equipment as described in Section 8. Absorb spill with inert material and place in a chemical waste container. Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater, or soil.

7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid contact with eyes, skin and clothing.

Storage:

Store in a cool, dry place. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

	Value	Limit	Reference
NJTSR No. 56705700001-5382P	N.E.	TWA	OSHA/ACGIH
	N.E.	STEL	OSHA/ACGIH
C.I. Pigment Yellow 34 (Lead sulfochromate)	0.05mg/m ³ Pb	TWA	OSHA
	0.012mg/m ³ Cr	TWA	ACGIH
	N.E.	STEL	OSHA/ACGIH

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

Engineering Controls:

Use adequate ventilation.

Respiratory Protection:

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant a respirators use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Eye Protection:

Use chemical splash goggles.

Skin Protection:

Use impermeable gloves.

Other Protective Equipment:

A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	:	Not available
Vapor Density (Air = 1)	:	Is heavier than air
Specific Gravity	:	~2.0
Boiling Point	:	Not available
pH	:	NA
Viscosity	:	85-110 KU @ 77°F
VOC Content (lbs./gal.)	:	0.00
Evaporation Rate	:	Is slower than Butyl Acetate

Other Properties:

Yellow. Paste. Faint odor. Solubility in water: Negligible.

10. STABILITY AND REACTIVITY

Stability:

This product is stable under normal storage conditions.

Hazardous Polymerization:

Will not occur under normal conditions.

10. STABILITY AND REACTIVITY (CONTINUED)

Conditions To Avoid:

High temperature.

Incompatibility With Other Materials:

Oxidizing materials. Strong acids. Peroxides. Hydrazides. Alkali metals.

11. TOXICOLOGICAL PROPERTIES

Component Toxicological Information:

Chemical Name	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
C.I. Pigment Yellow 34 (Lead sulfochromate)	> 2,000 mg/kg	Not Available	Not Available

Other Toxicological Information:

No information available.

12. ECOLOGICAL INFORMATION

Ecological Information:

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Method:

Waste must be disposed of in accordance with federal, state, provincial and local regulations. CONTAINER DISPOSAL: Empty containers by removing the top and inverting to allow all free flowing product to drain. To meet regulatory criteria, the container is considered empty when less than 3% remains in the container. Additional special handling is not typically required and the empty container can be discarded with other non-hazardous trash.

Note: Local disposal regulations may be more stringent and require additional restrictions or precautions. Customers should check with their local disposal company, municipal or state authority. Recycle of plastic or metal containers may require clean rather than empty containers. In this case the containers can be rinsed with water until the containers are considered generally product free.

14. TRANSPORTATION INFORMATION

U.S. DOT Transport Information

Proper Shipping Name: Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA:

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

Clean Air Act Section 112:

This product contains the following components listed as Hazardous Air Pollutants:

	CAS Number	Wt. %
Lead Compounds	Not Available	60 - 100 %

This product contains the following components listed as Extremely Hazardous Air Pollutants:

	CAS Number	Wt. %
Chromium Compounds	Not Available	60 - 100 %

SARA Section 302:

This product contains the following components listed as Extremely Hazardous Substances:

None

SARA Section 311/312:

Hazard Classifications: Immediate (acute), Delayed (chronic)

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

	CAS Number	Wt. %
Lead Compounds	Not Available	100(max)
Chromium Compounds	Not Available	100(max)

TSCA:

This product or its components are listed in or exempt from the TSCA inventory requirements.

This product contains the following non-proprietary substances subject to export notification under Section 12(b) of TSCA:

None

State Regulations