

Name: Red Label Silk Dyes

SDS No: All Colors **Date:** 6/6/15

1. Chemical, Product and Company Identification

Product Name: Silk Colors Red Label

Catalog Codes: NA

CAS#: NA

TSCA: COMPLIANCE

CI#: NA

Synonym: REACTIVE DYESTUFF

Chemical Name: Vinyl Sulphones

Chemical Formula: 701, 703, 706, 710, 712, 714, 715, 717, 718, 721, 722, 723, 725, 730, 732, 735, 736, 745, 750, 759

Contact Information:

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 800-442-0455

2. Composition and Information on Ingredients

Composition:

| Name | CAS # | % by Weight |
|-------------------|-------|-------------|
| REACTIVE DYESTUFF | | |

Toxicological Data on Ingredients:

3. Hazards Identification

Routes of Entry: INHALATION: YES, SKIN ABSORPTION: NO, INGESTION: NO

SKIN CONTACT: YES, EYE CONTACT: YES

Potential Acute Health Effects: When tested on guinea pigs, this product has shown a positive skin sensitization potential. This product has caused respiratory sensitization in some individual cases after repeated exposure.

Signs and Symptoms of Exposure: Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives. Respiratory sensitization can range from runny nose, cough, and irritated eyes to asthmatic symptoms. These effects can lead to shock and cardiovascular collapse and are potential lethal.

Medical Conditions Aggravated: Persons with any pre-existing skin or eye conditions may be more susceptible to the effects of this product.

Carcinogenic: IARC: NO, NTP: NO, OSHA: NO, ACGIH: NO

4. First Aid Measures

General Information: Immediately remove all contaminated clothing

Eye Contact: Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

Ingestion: Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

Skin Contact: Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

Section 5: Fire and Explosion Data

Flammability of the Product: NA

Auto-Ignition Temperature: NA

Flash Points: Not Applicable

Flammable Limits: NA

Products of Combustion:NA

Fire Hazards in Presence of Various Substances: NA

Explosion Hazards in Presence of Various Substances: NA

Fire Fighting Media and Instructions: CO2, Dry Chemical, Foam, Water

Special Remarks on Fire & Explosion Hazards: Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritation fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

Section 6: Accidental Release Measures

Large or Small Spill: Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

Section 7: Handling and Storage

Precautions: In accord with good industrial practice. Handle with care and avoid personal contact.

Storage: In accord with good industrial practice. Handle with care and avoid personal contact.

Section 8: Exposure Controls/Personal Protection

General Protective Measures: Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

Personal Protection:

Eye: Employees should wear protective eye-goggles with side protection shield.

Skin: Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. fo PVC or nitrile rubber, and booths are recommended. Additional protections such as impervious suits are recommended when the potential of dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

Respiratory: Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

Ventilation: Use local ventilation.

Other: Wear overalls, apron or other protective clothing.

Personal Protection in Case of a Large Spill: Gloves, & other protective clothing.

Exposure Limits: NA

Section 9: Physical and Chemical Properties

Physical state and appearance: Powder

Odor: None

Taste: NA

Molecular Weight: NA

Color: Ranges from Yellow to Dark Brown

pH (1% soln/water): Approx. 6.0-7.0

Boiling Point: NA

Melting Point: NA

Critical Temperature: >240 C

Specific Gravity: NA

Vapor Pressure: NA

Vapor Density: NA

Volatility: NA

Odor Threshold: NA

Water/Oil Dist. Coeff.: NA

Ionicity (in Water): NA

Dispersion Properties: NA

Solubility: +/- 70-100 g/L

Section 10: Stability and Reactivity Data

Stability: stable

Instability Temperature: No thermal decomposition when stored and handled correctly.

Conditions of Instability: NA

Incompatibility with various substances: NA

Corrosivity: NA

Special Remarks on Reactivity: None expected

Special Remarks on Corrosivity: NA

Polymerization: NA

Section 11: Toxicological Information

Routes of Entry: Not available

Toxicity to Animals:

Animal Toxicity Oral – LD50 (Ingestion), >3000 mg/l (rats)

Fish, LC50, >100 mg/l (48 hour, Killifish)

Eye Effects – Non-irritant

Skin Effects – Non-irritant

Sensitization – May cause sensitization by skin contact (Guinea Pig).

Chronic Effects on Humans: Not available

Other Toxic Effects on Humans: Not available

Special Remarks on Toxicity to Animals: None

Special Remarks on Chronic Effects on Humans: None

Special Remarks on other Toxic Effects on Humans: None

Section 12: Ecological Information

Ecotoxicity: NA

BOD5 and COD: NA

Products of Biodegradation: NA

Toxicity of the Products of Biodegradation: NA

Special Remarks on the Products of Biodegradation: NA

Section 13: Disposal Considerations

Waste Disposal:

Product: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, M state and local environmental regulations, e.g. by incineration in a suitable plant.

Uncleaned Packaging: Soiled, empty containers are to be treated in the same way as the contents.

Section 14: Transport Information

DOT Classification: Not regulated

Identification: Non-hazardous Ink Material

Special Provisions for Transport:

Fr. Class Package: 55

Section 15: Other Regulatory Information

Federal and State Regulations:

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is not subject SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312:

Immediate (acute) health hazard – Yes

Delayed (chronic) health hazard – Yes

Fire hazard – No

Sudden Release of Pressure – No

Reactivity – No

California Proposition 65: This product does not contain any components currently on the California List of Known Carcinogens and reproductive Toxins.

Other Regulations: Label in accordance with the EEC directives:

Hazard Symbols: Xn Harmful

R 42/43: May cause sensitization by inhalation and skin contact

S22: Do not breathe dust

S24: Avoid contact with skin

S37: Wear suitable gloves

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC

Other Classifications:

WHMIS (Canada):

DSCL (EEC):

HMIS (U.S.A.):

Health Hazard: Yes (Acute)

Fire Hazard: NA

Reactivity: NA

Personal Protection: Gloves

National Fire Protection Association (U.S.A.): NA

Health: NA

Flammability: NA

Reactivity: NA

Specific hazard: NA

Protective Equipment: NA

Section 16: Other Information

The information contained in this SDS is based on data from sources considered to be reliable but Dharma Trading Co. does not guarantee the accuracy or completeness thereof. Dharma Trading Co. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.