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## MATERIAL SAFETY DATA SHEET

### Sabraset Denim 481

Issue Date: 9/21/12

Emergency Telephone Numbers:  
800-255-3924 ChemTel. (United States)  
+ 1 01 813-248-0585 (Outside the United States)

#### 1. PRODUCT IDENTIFICATION

PRODUCT NAME: SABRASSET DENIM 481  
CHEMICAL FAMILY: ANTHRAQUINONE DYE  
T.S.C.A. STATUS: IN COMPLIANCE

#### 2. HAZARDOUS INGREDIENTS

Proprietary anthraquinone dyestuff 60 -80 % inhalation and dermal sensitizer in animals

#### 3. HAZARDS IDENTIFICATION

##### PRIMARY ROUTE OF EXPOSURE

INHALATION: YES SKIN ABSORPTION: NO INGESTION: NO  
SKIN CONTACT: YES EYE CONTACT: YES

##### CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO

#### CHRONIC EFFECTS OF OVEREXPOSURE AND SIGNS AND SYMPTOMS

May be irritating to the eyes, skin, and respiratory tract. May cause skin sensitization which may be seen as redness or inflammation. The dye(s) in this product have not been shown to cause allergic respiratory reactions in workers. However, since similar dyes have caused allergic reactions, a physician should be called if a worker experiences symptoms such as skin rash, puffiness around the eyes, nasal symptoms (itchy, runny, or blocked nose), lower respiratory symptoms (wheezing, chest tightness, difficulty in breathing or asthmatic attacks), dizziness or fainting. Persons allergic to dyes should avoid exposure to them.

#### MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

#### 4. EMERGENCY AND FIRST AID PROCEDURES

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.

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.

**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.

## **5. FIRE AND EXPLOSION DATA**

**FLASH POINT:** Not Applicable

**EXTINGUISHING MEDIA:** C0<sub>2</sub> Dry Chemical Foam Water Fog

**SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:**

Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating 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.

**ADDITIONAL INFORMATION:** Avoid dusting conditions. May form explosive dust mixtures with air.

## **6. SPILL OR LEAK PROCEDURES**

**IN CASE MATERIAL IS RELEASED/SPILED:**

Avoid formation and deposition of dust. 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.

## **7. SPECIAL PRECAUTIONS AND STORAGE DATA**

**SAFE HANDLING:** In accord with good industrial practice. Handle with care and avoid personal contact.

## **8. EMPLOYEE PROTECTION RECOMMENDATIONS**

**GENERAL PROTECTIVE MEASURES:**

Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

**EYE PROTECTION:** Employees should wear protective eye-goggles with side protection shield.

**SKIN PROTECTION:** Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for 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 PROTECTION** 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.

## **9. PHYSICAL DATA**

**APPEARANCE** POWDER

**COLOR** BLUE

**ODOR** NONE

**SOLUBILITY IN WATER** 70 g/l @ 90 deg C

**IGNITION TEMP** N.A.

**BULK DENSITY** 0.68 g/ml

**pH** 5.5 -7.0 @ 1 g/l water

**% VOLATILE:** VALUE: 0.00 UNIT: % COMMENT:

## **10. REACTIVITY DATA**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY:** None known

**CONDITIONS OF REACTIVITY:** None known

## 11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION)	> 5000 mg/kg (RAT)
FISH, LC50	68 mg/l ( 96 hour, Zebra Fish)
EYE EFFECTS	NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS	NON -IRRITANT (RABBIT)
SENSITIZATION	A SENSITIZER (GUINEA PIG)

## 12. ECOLOGICAL DATA

BIODEGRADABILITY:	ND
COD:	1230 mg/g
BACTERIA TOXICITY:	> 400 mg/l (3 h, Inhibition Activated sludge bacteria)
AOX:	ND

## 13. DISPOSAL CONSIDERATIONS

PRODUCT: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, 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.

## 14. SHIPPING DATA

PROPER SHIPPING NAME:	NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION:	NOT REGULATED
FRT. CLASS PACKAGE:	55
IATA:	NON-REGULATED

IMDG: NON-REGULATED

## 15. REGULATORY DATA

### US REGULATIONS:

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

SARA 313: This product is not subject to 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

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.

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

## 16. OTHER INFORMATION

The manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. The manufacturer makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall the manufacturer be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

MSDS Created: January 20,2010

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