



126 Shove Street - Fall River, MA 02724  
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## SAFETY DATA SHEET

PRINT DATE: 5/21/15

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... REACTIVE BLACK MX 604  
PRODUCT CODE NUMBER .... 608000EIOOP005  
CHEMICAL FAMILY ..... REACTIVE DYESTUFF MIXTURE  
T.S.C.A. STATUS ..... COMPLIANCE  
PRIMARY PRODUCT USE ..... TEXTILE MANUFACTURING  
SUPPLIED BY ..... PRO Chemical & Dye  
126 Shove Street  
Fall River, MA 02724

Emergency Telephone Numbers:

800-255-3924 ChemTel. (United States)

+ 1 01 813-248-0585 (Outside the United States)

### 2. HAZARDS IDENTIFICATION



Warning: May cause an allergic skin reaction.



Warning: Causes Serious Eye Irritation

This Product has been classified as a Category 2A eye irritant.

Warning: May be harmful if swallowed

This Product has been classified as Category 5 oral toxicity.

#### 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

HMIS: 210 E

## EFFECTS OF OVEREXPOSURE

When tested on guinea pigs, a component of this product has shown a positive skin sensitization potential. Respiratory sensitization may be possible in some individuals.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

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.

## 3. HAZARDOUS INGREDIENTS

Reactive Blue 109 (70865-31-5) 60 - 70 May be harmful if swallowed.

Reactive Yellow 86 (70865-29-1) 10 - 15 Eye irritant, possible skin sensitizer.

The exact ingredient percentages and composition has been withheld as a trade secret.

## 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 .....C02, Dry Chemical, Foam, Water

### 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.

## 6. SPILL OR LEAK PROCEDURES

#### IN CASE MATERIAL IS RELEASED/SPILLED:

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: 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 ..... BLACK  
ODOR ..... NONE  
ODOR THRESHOLD ..... NA  
SOLUBILITY IN WATER ..... 100 g/l @60C  
BULK DENSITY ..... 500 -700 kg/m3  
VISCOSITY ..... NA  
pH ..... 6.5 @ 80 g/l 20 C  
MELTING POINT/FREEZING POINT ..... NA  
PARTITION COEFFICIENT: N-OCTANOL/W ATER ..... ND  
BOILING POINT ..... NA  
VAPOR PRESSURE ..... NA  
EVAPORA TION RATE ..... NA  
FLAMMABILITY ..... NA  
FLASH POINT ..... NA  
INGINATION TEMP ..... NA  
DECOMPOSITION TEMPERATURE .... ND  
UEL ..... NA  
LEL ..... NA  
VOLATILE: V ALUE: NO UNIT: COMMENT:

## 10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
HAZARDOUS REACTIONS: None expected  
CHEMICAL STABILITY .....Stable  
INCOMP ATABLE MATERIALS: None  
HAZARDOUS DECOMPOSITION PRODUCTS .....CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES  
CONDITIONS TO AVOID .....Avoid dusting conditions and sparks/flame.  
HAZARDOUS POLYMERIZATION .... Will not occur

## 11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD<sub>50</sub> (INGESTION) ..... < 4000 mg/l (rats)  
FISH, LC<sub>50</sub> ..... > 100 mg/l  
EYE EFFECTS ..... IRRITANT (RABBIT)  
SKIN EFFECTS ..... NON-IRRITANT (RABBIT)  
SENSITIZATION ..... MAY CAUSE SENSITIAZTION BY SKIN  
CONTACT (GUINEA PIG).

## 12. ECOLOGICAL DATA

BIODEGRADABILITY: < 10%  
BACTERIA TOXICITY: ND  
AOX: > 1.0%  
COD: 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.

Immediate (acute) health hazard	No
Delayed (chronic) health hazard	Yes
Fire hazard	No
Sudden Release of Pressure	No
Reactivity	No

SARA 312:

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

This product is not subject to the German Ordinance that bans certain azo dyes or the 19<sup>th</sup> Amendment of the Council Directive 761769IEEC.

#### 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.

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