

# SAFETY DATA SHEET



PRINT DATE:10/15/14

## 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... PERMALON BLACK BW-P  
PRODUCT CODE NUMBER . 058000S100P061  
CHEMICAL FAMILY ..... MONOAZO DYESTUFF  
T.S.C.A. STATUS ..... COMPLIANCE  
PRIMARY PRODUCT USE... TEXTILE MANUFACTURING  
MANUFACTURED BY..... **STANDARD COLORS, INC**  
**301 BRENTWOOD STREET**  
**HIGH POINT, NC 27260**  
**PHONE: 336-841-5468**  
**CHEMTREC: 800/424-9300**

## 2. HAZARDS IDENTIFICATION



**Warning: Causes Serious Eye Irritation**

This Product has been classified as a Category 2A eye irritant based upon animal test data.

**Warning: May cause an allergic skin reaction.**

**Harmful to aquatic life with long lasting effects. (Chronic Category 3)**

### 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: 1 0 0 E

CRONIC EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the skin, eyes, and respiratory tract..

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**

Acid Black 194 ( 57693-14-8 )	> 34 %	Eye irritant, animal sensitizer
Acid Blue 113 ( 3351-05-1 )	> 7.0 %	Eye irritant, aquatic toxicity
Acid Orange 116 ( 68039-08-7 )	> 10 %	Aquatic toxicity

The exact ingredient percentages and composition of non-hazardous components have 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 waterfor 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.

**5. FIRE AND EXPLOSION DATA**

FLASH POINT ..... Not Applicable

EXTINGUISHING MEDIA ..... CO2, 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 ..... MILD

ODOR THRESHOLD.....NA

SOLUBILITY IN WATER ..... 30 - 40 g/l at 90 deg C

BULK DENSITY ..... 400 -600 kg/m<sup>3</sup>

VISCOSITY.....NA

pH ..... 7.0 – 9.0 @ 1 % SOLUTION

MELTING POINT/FREEZING POINT.....NA

PARTITION COEFFICIENT: N-OCTANOL/WATER.....ND

BOILING POINT.....NA

VAPOR PRESSURE.....NA

VAPOR DENSITY.....NA

EVAPORATION RATE.....NA

FLAMMABILITY.....NA

FLASH POINT.....NA

IGNITION TEMP ..... NA

DECOMPOSITION TEMPERATURE....ND

UEL.....NA

LEL.....NA

% VOLATILE: VALUE: ND

UNIT: %

COMMENT: dedusting oil

## **10. REACTIVITY DATA**

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
HAZARDOUS REACTIONS : None expected  
CHEMICAL STABILITY.....Stable  
INCOMPATIBLE 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).....>5000 mg/kg (rats)  
FISH, LC<sub>50</sub> ..... 10 -100 mg/l (48 hour, Leuciscus idus)  
EYE EFFECTS.....IRRITANT (RABBIT EYE)  
SKIN EFFECTS .....IRRITANT (RABBIT)  
SENSITIZER.....SENSITIZER(GUINEA PIG)

## **12. ECOLOGICAL DATA**

BIODEGRADABILITY: <10 %  
BACTERIA TOXICITY: Not Determined  
DAPHNIA MAGNA STRATUS EC<sub>50</sub> 48 hour > 100 mg/l

## **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 subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

CHROMIUM CAS# 7440-47-3 2.0 %  
CHROMIUM COMPOUND 34.2 %

SARA 312:	Immediate (acute) health hazard	YES
	Delayed (chronic) health hazard	No
	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.

**Classification according to EU directives:**

HAZARD SYMBOLS: N Dangerous to the environment  
Xi Irritant

R36/38 Irritating to eyes and skin  
R 52/53 Harmful to aquatic organisms. May cause long-term effects in the aquatic environment  
S26: In case of contact with eyes , rinse immediately with plenty of water and seek medical advice.  
S28: After contact with skin, wash immediately with plenty of water.  
S39: Wear eye/face protection  
S61: Avoid release to the environment  
S36/37: Wear suitable protective clothing and gloves

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 76/769/EEC.

**16. OTHER INFORMATION**

Standard Colors, Inc. 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. Standard Colors, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Standard Colors, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

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