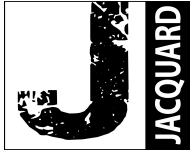


01312-2000



SAFETY DATA SHEET

PRINT DATE:6/29/20

1. PRODUCT IDENTIFICATION

PRODUCT NAME IDYE POLY - 454 BLACK
 PRODUCT CODE NUMBER . JID1454, JID3454
 HEMICAL FAMILY MIXTURE OF AZO AND ANTHRAQUINONE DYES
 T.S.C.A. STATUS IN COMPLIANCE
 RECOMMENDED PRODUCT USE.....DYE FOR SYNTHETIC FIBERS
 RESTRICTED PRODUCT USE....NONE KNOWN
 MANUFACTURED BY..... **Twr gt v. 'I kddqp' ('Ur lf gt. 'Kpe0**
 3369'J gcrf udwti 'C xg0'J gcrf udwti . 'EC"; 766:
 3/: 22/664/2677"1929/655/; 799
 Go gti gpe{ 'P wo dgt <Ej go Vgn'Kpe0/'Eqptcev%O KJ; 34: 566
 P CCo gtlec<3/: 22/477/5; 46"1'Kp vgt pcv kpcn<3/: 35/46: /27: 7

2. HAZARDS IDENTIFICATION

GHS Classification: **Health Category 2B-Eye Irritant**
 Health Category 3-Skin Irritant
 Health Category 5- Acute toxicity/ingestion
 Health Category 1B- Skin sensitizer
 Environmental Category 3-Chronic Aquatic Toxicity



Pictogram:

Signal Word: **Warning**

Hazard Statements: **H303: May be Harmful if Swallowed**
 H317: May cause an allergic skin reaction.
 H320: Causes Eye Irritation
 H316: Causes Mild Skin Irritation
 H412: Harmful to Aquatic Life with Long-Lasting Effects

Precautionary Statements:

- P264:** Wash face, hands, and any exposed skin thoroughly after handling.
P280: Wear protective gloves/ protective clothing/eye protection/face protection
P270: Do not eat, drink, or smoke when using this product.
P260: Do not breath dust/fume/gas/mist/vapors/spray
P284: Wear Respiratory Protection
P201: Obtain special instructions before use.
P273: Avoid release to the environment
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes .
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.
P342 + P311 If experiencing respiratory symptoms: Call a Poison Center or doctor/physician.
P308 + P313 IF exposed or concerned: get medical advice / attention

3. COMPOSITION/INFORMATIONS ON INGREDIENTS

Disperse Component 1	20 - 30 %	May be harmful if swallowed. Eye irritant. Harmful to aquatic life with long lasting effects.
Disperse Component 2	8 - 12 %	Causes sensitization with skin contact.. Harmful to aquatic life
Disperse Component 3	5 - 10 %	May be harmful if swallowed. Harmful to aquatic life
Disperse Component 4	8 - 12 %	Eye irritant.
Disperse Component 5	15 - 20 %	May be harmful if swallowed.
Disperse Component 6	5 – 8 %	May cause eye and skin irritation. May be harmful if swallowed. May cause an allergic skin reaction.
Disperse Component 7	5– 8 %	May cause an allergic skin reaction. May cause eye and skin irritation

The exact ingredient percentages and composition of the non-hazardous components have been withheld as a trade secret.

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.
- 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.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most significant symptoms and effects are described in the labelling (see section 2) and/or in section 11

INDICATION OF ANY SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

5. FIREFIGHTING MEASURES

FLASH POINT Not Applicable

EXTINGUISHING MEDIA CO2 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. ACCIDENTAL RELEASE MEASURES**IN CASE MATERIAL IS RELEASED/SPILLED:**

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. HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING**

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

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area. Keep the container tightly sealed and away from any incompatible materials (see Section 10)..

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

APPROPRIATE ENGINEERING CONTROLS:

Handle with good industrial practices and industrial hygiene. Wash hands after use.

GENERAL PROTECTIVE MEASURES:

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

EYE PROTECTIONEmployees should wear protective eye-goggles with side protection shield.

SKIN PROTECTIONEmployees 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 PROTECTIONInhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

VENTILATIONUse local ventilation.

OTHERWear overalls, apron or other protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE POWDER

COLOR BLACK

ODOR WEAK

ODOR THRESHOLD.....ND

SOLUBILITY IN WATER DISPERSIBLE

BULK DENSITY 500 – 700 kg/m³

RELATIVE DENSITY.....NA

VISCOSITY.....ND

pH 8.0 – 9.0 @ 1.0 % 20 C

MELTING POINT/FREEZING POINT.....ND

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

BOILING POINT.....ND

VAPOR PRESSURE.....ND

VAPOR DENSITY.....ND

EVAPORATION RATE.....ND

FLAMMABILITY.....NON COMBUSTABLE

FLASH POINT.....> 212 F

IGNITION TEMP ND

DECOMPOSITION TEMPERATURE....ND

UEL.....ND

LEL.....ND

% VOLATILE: VALUE: ND

UNIT: %

COMMENT:

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: ND
 POSSIBILITY OF HAZARDOUS REACTIONS : None expected
 CHEMICAL STABILITY.....Stable
 INCOMPATIBLE MATERIALS: Strong oxidizing agents
 HAZARDOUS DECOMPOSITION PRODUCTS.....CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES
 CONDITIONS TO AVOID.....ND
 REACTIVITY....Will not occur

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION).....> 2000 mg/kg (RAT)
 FISH, LC5010 - 100 mg/l
 EYE EFFECTS.....IRRITANT (RABBIT)
 SKIN EFFECTSIRRITANT(RABBIT)
 SENSITIZATIONPOSSIBLE SKIN SENSITIZER

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
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HMIS: 2 10 E

EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

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

MEDICAL CONDITIONS AGGRAVATED

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

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY: < 10 %
 BACTERIA TOXICITY IC50: ND
 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

IMGD: 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 information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. 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.

MSDS Created: November 2, 2015
MSDS Revised: June 29, 2020