

# Safety Data Sheet

## Hazard Ratings

Minimal	0	Serious	3	Health	1
Slight	1	Severe	4	Flammability	1
Moderate	2			Reactivity	0

## 1. Chemical Product & Company Identification

**Distributor:** MixMasters, Inc. - 11 Colmer Road • Lynn MA 01904

**Telephone:** 781 593 9321

**Fax:** 781 593 3693

**Product Class:** Offset Printing Ink

**Trade Name:** Dura Dry, Surface Oxidizing, Wax Free, U/V Bleed Resistant, Fade Resistant.

## 2. Hazardous Ingredient

Hazard(s) identification

**Physical hazards:** (not classified, health hazards acute toxicity, oral sensitization, skin

**Environmental hazards:** Hazardous to the aquatic environment, long hazard

**OSHA defined hazards:** Not classified

### 2a. Ingredient Composition Information

Ingredient	Cas No.	WT%	OSHA (pel)	ACGIH(TLV)	Carcinogen
Organic Pigments		15-30		3.5mg/M3	No
Yellow 13	5102-83-0				No
Red 57:1	5281-04-9				No
Blue 15:3	147-14-8				No
Black 7	1333-86-4				No
Blue 61	1324-76-1				No
Phenolic Resin	68648-55 20		N/A	N/A	
Linseed Oil					
Gel Additive	Registered	1-2	N/A	N/A	



### 3. Health Hazard Ingredient

**Eye contact:** Direct contact may cause irritation.

**Skin contact:** Prolonged contact or repeated exposure may cause minor irritation.

**Inhalation:** Excess inhalation of mist or vapor may cause dizziness, nausea or irritation of nasal and respiratory passages.

**Ingestion:** May cause gastrointestinal irritation, nausea and vomiting.

**Medical conditions aggravated by normal exposure:** Persons with dermatitis should avoid skin contact.

**Target organs:** Skin, eyes, lungs.

**Primary routes of entry:** Eyes, inhalation, dermal.

### 4. First Aid Procedure

**Eye contact:** Flush with large amounts of water until irritation subsides. If irritation persists contact a physician.

**Skin contact:** Wash with soap and water. Remove the contaminated clothing and wash thoroughly before reusing.

**Ingestion:** If swallowed do not induce vomiting. Call a physician.

**Inhalation:** Remove individual to fresh air.

### 5. Fire & Explosion Data

**OSHA classification:** Combustible liquid - class IIIB

**Flash point:** Above 130 C method used, closed cup.

**Explosion limits:** LEL: N/A; UEL: N/A.

**Extinguishing media:** Foam, carbon dioxide, dry chemical. Water spray may be applied to cool exposed containers.

**Unusual fire & explosions hazards:** Dense smoke may be generated when burning. Carbon Monoxide and Carbon Dioxide generated as combustible products.

**Special fire fighting procedures:** Self contained breathing apparatus recommended.

### 6. Accidental Release

**Spill procedures:** Wipe up and dispose of wipes in approved waste containers. If petroleum hydrocarbon is used provide adequate ventilation.

**Waste disposal:** Dispose of in accordance with local, state and federal regulations.

### 7. Handling & Storage

**Handling:** Avoid storage above 90 F. Keep containers closed when not in use.

Other precautions: None required.

## 8. Special Protection Information

**Ventilation:** Use sufficient vent illation

**Eye protection:** Goggles recommended

**Protective gloves:** Recommended

**Respiratory protection:** None required

**Other protection:** None required

## 9. Physical Data

**Volatile organic compounds (VOCs):** .0 - 1 %, method ASTM 24

**Boiling range:** >400 Deg F

**Freezing point F:** N/A

**Vapor density vs. air:** Heavier

**Vapor pressure:** Less than 0.04 psi

**Density ASTM D1475:** 7.90 - 8.70 lbs / gal

**Specific gravity:** 0.99 - 1.05

**Type of odor:** Oily

**Appearance:** Colored viscous paste

**Evaporation rate vs. butyl acetate:** Slower

**Percentage volatile weight:** 19.3%

## 10: Reactivity Data

**Product stability:** Stable

**Conditions to avoid:** Strong oxidizing agents. Avoid storage above 90 F. Keep in containers closed and when not in use.

**Hazardous decomposition products:** None

**Hazardous polymerization:** Will not occur

## 11. Toxicology Information

**Carcinogen:** Contains no materials that are considered carcinogenic by National Toxicology Program.

**Mutagen:** No

**Tetratogen:** No

**Reproductive toxicity:** No

## 12. Ecological Information

This product has not been evaluated but there is no evidence to suggest it will cause any significant environmental problem.

### 13. Disposal Information

**State:** State and / or local regulations may apply. Spill should be contained and absorbed with suitable absorbent material and placed in a suitable container for disposal in a licensed facility. Do not discharge in waterways or sewers.

**Federal (RCRA):** Not regulated as hazardous waste under Resource Conservation and Recovery Act.

### 14. Transportation Information

DOT (HM 181): Not regulated

Shipping labels: Not regulated

### 15. Regulatory Information

**TSCA (Toxic Substance Control Act):** All ingredients listed in TSCA inventory.

**CERCLA Superfund 40 CFR 117.302:** Contains no reportable materials.

**SARA Title III:** See section 1.

**FDA:** This printing ink is not a food additive and would not have approval for direct or indirect contact by the FDA.

**California Proposition 65:** Those inks which contains Barium compounds are based on pigment **Red 53: 1 (D7C Red 9)** which is listed on the California list.

**CONEG Legislation:** Meets all current state and heavy metal limitations

**Canadian WHMIS:** Non controlled product.

### 16. Other Information

The International Agency for Research on Cancer (IARC) in 1996 reclassified Carbon Black in Group 2B (possible human carcinogen). However in December 1996, OSHA ruled that Carbon Black when present in printing ink mixture presents no hazard and is “not classifiable as a carcinogen to humans”. (Group 3)