

# MATERIAL SAFETY DATA SHEET

Product Code: B019200

W 290 MATTE INK TRAIN EMULSION

## SECTION 1: MANUFACTURER IDENTIFICATION

Manufacturer's Name: Day International Chemical Products Div.  
Address: 130 West Second Street, Suite 1700  
Dayton, Ohio 45402

Emergency Phone: 800-424-9300 CHEMTREC®  
Name of Preparer: Day Chemical Prod. Div

Information Phone: 800-336-8276  
Date Printed: 9/12/2007  
Date Revised: 09/12/2007

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

## SECTION 2: HAZARDOUS INGREDIENTS / SARA III INFORMATION

Component	CAS Number	Vapor Pressure mm Hg @ Temp	Weight Percent
*Ethylene Glycol OSHA PEL: n/e, ACGIH® TLV®, TWA: 100mg/M3 Ceiling as Mist. Hazardous Air Pollutant	107-21-1	0.12 68°F	25%

\* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372.  
All ingredients are listed on the EPA TSCA Inventory

## SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT / RANGE:</b>	>212°F
<b>VAPOR DENSITY:</b>	Heavier than air.
<b>EVAPORATION RATE:</b>	Slower than water.
<b>V.O.C. (EPA METHOD 24) lb/gal:</b>	2.4
<b>VAPOR PRESSURE:</b>	Not Applicable.
<b>SOLUBILITY IN WATER:</b>	100%
<b>APPEARANCE AND ODOR:</b>	White Emulsion - Mild Odor
<b>SPECIFIC GRAVITY (H20=1):</b>	1.11

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	None.
<b>METHOD USED:</b>	TAG CC
<b>FLAMMABLE LIMITS IN AIR BY VOLUME:</b>	None. Aqueous product.
<b>EXTINGUISHING MEDIA:</b>	Use any fire extinguishing media.
<b>SPECIAL FIREFIGHTING PROCEDURES:</b>	Under normal conditions this product does not support combustion. However, as in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective (bunker) gear.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None Known. <input type="checkbox"/>

## SECTION 5: REACTIVITY DATA

**STABILITY:**  
Stable

**CONDITIONS TO AVOID:**  
Avoid conditions of excess heat to prolong shelf life.

**INCOMPATIBILITY (MATERIALS TO AVOID):**

Avoid mixing with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

None known.

**HAZARDOUS POLYMERIZATION:**

Will Not Occur.

**SECTION 6: HEALTH HAZARD DATA****INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Not an inhalation hazard in normal industrial use.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Skin and eye contact may cause mild to moderate irritation.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Ethylene glycol can be absorbed through the skin. Skin absorption may contribute to the overall exposure to ethylene glycol.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Ethylene glycol is very toxic if swallowed. Ingestion presents a danger of very serious, irreversible effects. DO NOT DELAY. Follow First Aid Procedures in Section 6 and immediately seek medical attention. May cause drowsiness and dizziness.

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

This product may cause mild to moderate irritation upon contact with eyes and mild irritation to skin. Ethylene glycol has been identified as a probable birth defect hazard based on laboratory animal data.

**CARCINOGENICITY NTP CARCINOGEN:** No

**IARC CARCINOGEN:** No

**OSHA CARCINOGEN:** No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Pre-existing kidney or liver disorders.

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Remove victim to fresh air. If recovery is not rapid, transport to nearest medical facility for treatment. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. Seek medical attention. **INGESTION:** DO NOT DELAY. DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. If victim is alert, rinse mouth and drink a glass of water to dilute material. Do not give liquids to a drowsy, convulsing or unconscious person. Transport to nearest medical facility for treatment.

**SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASES OR SPILLED:**

Clean up small spills with soap water and a mop. Large spills should be diked and kept from entering the sewer. Soak up large spills with absorbent or transfer liquid into a closed container for later disposal.

**WASTE DISPOSAL METHOD:**

Product may meet the sewer disposal guidelines in many municipalities. Sewer disposal is governed by EPA Regulations (Clean Water Act) which controls local sewer authorities (POTW). Sewer disposal of spent product may be restricted by discharge limits for specific chemicals set by the POTW and end of pipe chemical levels of the individual user. Check with the local POTW before sewer disposing.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Store in a cool dry area away from sunlight and excess heat. Protect from freezing. When using or transferring this product, wear proper personal protective equipment.

**OTHER PRECAUTIONS/DOT INFORMATION::**

DOT Proper Shipping Name: Not Regulated, Hazard Class: N/A, ID No.: N/A, Packing Group: N/A

**SECTION 8: CONTROL MEASURES****RESPIRATORY PROTECTION:**

No special protection is required under normal conditions of use.

**VENTILATION:**

No special ventilation required.

**PROTECTIVE GLOVES:**

Not required under normal conditions of use. For extended exposure wear gloves made of butyl or nitrile rubber.

**EYE PROTECTION:**

Wear safety glasses with side shields.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

**WORK/HYGIENIC PRACTICES:**

Wash with soap and water after product contact with skin.

**SECTION 9: DISCLAIMER**

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of the manufacturer, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.