

**MICROCELL PRODUCTS COMPANY**

**Material Safety Data Sheet / All Inks/Reinking Inks**  
**Revised March 17, 2009**

**Section I - Identification of Product**

**Manufacturer's Name:** Microcell Products Company  
**Emergency Phone Number:** 931 526 5630  
**Address:** 3234 Rickman Road  
 Rickman, TN 38580 USA  
**Trade Name:** Stamp Ink/ Reinking Ink (Black, Red, Blue, Green, Violet)  
**Chemical Name:** Glycol Ink  
**Chemical Family:** Mixture of Glycols, Phosphates, and Colorants  
**Chemical Formula:** Propriety

**Section II - Hazardous Components of Mixture**

***THIS MATERIAL IS CONSIDERED TO BE NON- TOXIC, NON HAZARDOUS, AND NON FLAMMABLE.***

The precise composition of this product is proprietary information. A detailed disclosure will be provided by Microcell to qualified Medical or Industrial Hygiene Personnel. Treatment of ingestion should follow guidelines for butylated phosphate. Eye or skin contamination should be flushed with warm water/ washed with mild detergent.

Ingredient	%	CAS Reg.	Toxicological Information
Mixed Phosphates	8	56803-37-3	Slightly Toxic
Mixed Glycols	25-35	116-46-4	Non-Toxic
Polyols	25-35	1323-38-2	Non-Toxic
1,4-buanediol	20-25	00110-63-4	Non-Toxic
Dyes*	2-6	unknown	Not Considered Toxic

\*Red,Blue,Violet,Black,Yellow

**Occupational Control Procedures:**

**Eye Protection:** Blue has been shown to give a slight reaction in the eyes of test rabbits. Other colors show no long term effects. It is advised, however to wear safety glasses or goggles when handling this material as the colorants will stain the eye tissue and remain stained for several days. If splashed into the eyes, wash immediately with warm water. Most colorants are soluble/flushable with water and should wash out quickly. Afterwards, seek medical help.

**Skin Protection:** No ill effects were noted when the colorant or ink was applied to the skin of rabbits, however it is advised to wear gloves when handling the ink as the skin can and will be stained upon contact. If contact does occur, wash the affected area with waterless hand cleaner, or warm soap and water. The colorant stains will wear off in a few days.

**Respiratory:** This material being a liquid and not having an appreciable vapor pressure cannot be inhaled.

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**Ventilation:** This material in its natural state does not produce appreciable vapors, and specific ventilation is not required.

**Fire Protection:** (This material is not considered flammable)

<b>Flash Point:</b>	In excess of 200 Degrees C.
<b>Explosion Danger:</b>	Little or none at temperatures up to 100 C
<b>Combustion Products:</b>	Carbon Dioxide, Water, Traces of PxOx
<b>Special Fire fighting Information:</b>	Water Spray, CO2 or Class B
<b>Reactivity Data:</b>	Stable

**Physical Data:**

<b>Appearance:</b>	Dark Liquid / Various colors
<b>Specific Gravity:</b>	0.9-1.0 (8.35 pounds/gallon)
<b>Boiling Point</b>	In Excess of 200 C
<b>Solubility in Water</b>	90% Soluble
<b>Evaporation rate</b>	Negligible
<b>Viscosity</b>	500-2000 cps (5-20 poise)
<b>Dry Times</b>	On paper, cloth. cardboard: Instantly On Aluminum Castings: approx 5 min Does not dry on non porous surfaces

**Spill Cleanup Data:**

Spills should be cleaned up by first using absorbent material such as sawdust, cat litter, or absorbent material. The remainder can be removed by using warm water and a good detergent with repeated applications. Some stain will remain from the colorants. This will eventually wear way. Application of household bleach will help.