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Microcell Products Company

090683

Material Safety Data Sheet / Red Reinking InkSection I - Identification of Product

Manufacturer's Name: Microcell Products Company
Emergency Phone Number: 931-526-5630
Address: 2258 West Broad Street
 Cookeville, TN 38501
Trade Name: Red Premix
Chemical Name: Glycol Ink
Chemical Family: Mixture of Glycols, Plasticizers, and Colorants
Chemical Formula: Propriety

Section II - Hazardous Components of Mixture

Ingredient	%	CAS Reg.	Toxicological Information
1,5-pentanediol	2%	111-29-5	Not Considered Toxic
Oleic Acid	3%	112-80-1	Not Considered Toxic
Diethylene Glycol	10%	111-46-6	Not Considered Toxic
Castor Oil Ester	10%	78-22-8	Not Considered Toxic
Butylated Phosphate	25%	115-86-6	Mildly Toxic LD50 4700mg/kg
Red Dye	10%	Solvent Red 49	Unknown

Occupational Control Procedures:

Eye Protection: This ink gives a slight reaction in the eyes of test rabbits. It is advised, however to wear safety glasses or goggles when handling this material as the colorants used in this ink will stain the eye tissue and remain stained for several days. If splashed into the eyes, wash immediately with warm water. This ink is soluble in warm water and should wash out quickly. Afterwards, seek medical help.

Skin Protection: No ill effects were noted when the 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.

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

Ingestion: This material is slightly toxic. Ingestion of small amounts should produce little if any effect. In larger amounts, slight gastro intestinal discomfort may ensue. Ingestion of larger amounts, greater than 5 grams per kilogram of body weight should be treated as acute exposure to butylated triphenyl phosphate.



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Fire Protection: (This material is not considered flammable)
Flash Point: In excess of 200 Degrees C.
Explosion Danger: None at temperatures up to 100 C
Combustion Products: Carbon Dioxide, Water, Traces of P_xO_x
Special Fire fighting Information: Water Spray, CO₂ or Class B
Reactivity Data: Stable

Physical Data:

Appearance: Dark Red Liquid
Specific Gravity: 1.009 (8.5 pounds/gallon)
Boiling Point: Unknown but in Excess of 200 C
Solubility in Water: 70% Soluble (except for plastic resin)
Evaporation rate: Negligible
Viscosity: Approx. 1000 cps (10 poise)

Spill Cleanup Data:

Spills should be cleaned up by first using sawdust, cat litter, powdered clay, dirt, paper towels, or other 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 away. Application of diluted household chlorine bleach will help remove the stain. The colorant in this ink is not adversely affected by chlorine bleach when the ink is in quantity, however in light stains it will work effectively.

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