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Jebsen ink on their Pre-ink Stamp.

G-012

TOP STAMP INC.

Material Safety Data Sheet / Violet Premix

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MAY 23 2000
BY PURCHASING

Section I - Identification of Product

Manufacturer's Name: TOP STAMP INC.
Emergency Phone Number: 615 526 5630
Address: 2258 WEST BROAD STREET
 Cookeville, Tennessee 38501 USA
Trade Name: Violet Premix
Chemical Name: Glycol Ink / PVC Plastisol
Chemical Family: Mixture of Glycols, Plasticizers, PVC 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
Polyvinyl Chloride	40%	9003-22-9	Not Considered Toxic
Violet Dye	10%	Basic Violet 1	Unknown

Occupational Control Procedures:

Eye Protection: This premix 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 premix is soluble in warm water and should wash out quickly. Afterwards, seek medical help.

Skin Protection: No ill effects were noted when the premix 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. Upon heating in a press to make preinked stamps, it is advisable to vent the vapors to the outside for employee comfort.

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.

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
Small amounts of HCl are generated from PVC
Special Fire fighting Information: Water Spray, CO₂ or Class B
Reactivity Data: Stable

Physical Data:

Appearance: Dark Liquid with slight violet color
Specific Gravity: 1.07 (9.0 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. 5000 cps (50 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 way. Application of diluted household chlorine bleach will help remove the stain.