

**MATERIAL SAFETY DATA SHEET**  
**PRINTING INKS AND RELATED MATERIALS**

**#050**

**HMIS HAZARD RATING**  
HEALTH.....1  
FLAMMABILITY.....1  
PHYSICAL HAZARD.....0

Date prepared 05/15/09 Prepared by Doug Chesley

**Section I**

**PRODUCT CLASS: OVERPRINT VARNISHES**  
**CHEMICAL & COMMON NAME: OFFSET OVERPRINT VARNISH**  
**MANUFACTURERS NAME & ADDRESS: Graphic Ink Co. 3135 W. DIRECTORS ROW S.L.C.,UT.**  
**EMERGENCY PHONE NUMBER: (801) 972-6142**

**Section II - HAZARDOUS INGREDIENTS**

Ingredient:		Hazard Data:
**ALPHATIC PETROLEUM HYDROCARBON SOLVENT. CAS NO. 64742-46-7	/	OSHA PEL: 5mg/m 3 (oil mist)
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**Section III - PHYSICAL DATA**

Boiling Range: 515-586 F  
Vapor Density vs. Air: HEAVIER  
Appearance: AMBER VISCOUS LIQUID  
Evaporation Rate vs. Butyl Acetone: SLOWER  
Solubility in Water: INSOLUABLE  
Percent volatile Wt.: 30%  
Liquid Density vs. Water: LIGHTER  
Type of Odor: PETROLEUM DISTILLATE

**Section IV - FIRE & EXPLOSION DATA**

Flammability Classification: COMBUSTIBLE  
Flashpoint: 200 F  
OSHA: 1118  
DOT: NOT REGULATED  
LEL-NO DATA

Extinguishing Media:  
FOAM-( ) ALCOHOL FOAM-( ) CO2-(X) DRY CHEMICAL-(X) WATER FOG-(X)

Unusual Fire & Explosion Hazards: IN HIGH HEAT, SEALED CONTAINERS CAN EXPLODE, DON'T PLACE ON HOT SURFACES, CONTAINS ALUMINUM, FLAMES MAY BE VERY DIFFICULT TO EXTINGUISH.

Special Firefighting procedures: USE SELF CONTAINED BREATHING APPARATUS TO AVOID POTENTIALLY HARMFUL OR IRRITATING FUMES. WATER MAY BE USED TO COOL CONTAINERS. AUTOIGNITION POSSIBLE AT EXTREME TEMPERATURE.

**Section V - HEALTH HAZARD DATA**

Effects of Over Exposure: EYE CONTACT WILL CAUSE IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. OSHA PEL: 5MG/M 3 (oil mist)  
Medical conditions aggravated by exposure: NONE KNOWN.  
Primary Route (s) or Entry: DERMAL - (X) INHALATION-(X)  
Emergency & First Aid Procedures:  
EYE CONTACT--FLUSH EYES FOR 15 MINUTES WITH WATER. SEEK MEDICAL ATTENTION,  
SKIN CONTACT--WASH EFFECTED AREAS WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE WEARING.  
INHALATION--REMOVE TO FRESH AIR.  
INGESTION--DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

**Section VI - REACTIVITY DATA**

Product Stability: **STABLE**

Conditions To Avoid: **EXTREME HEAT. STRONG OXIDIZING AGENTS.**

**Section VII - SPILL OR LEAK PROCEDURES**

Procedure if Material is Spilled or Released: **SCRAPE UP THE BULK WITH INK OR PUTTY KNIFE. WASH AREA WITH DETERGENT AND WATER.**

Waste Disposal Method: **LAND FILL APPROVED FOR INDUSTRIAL WASTES. INCINERATE ONLY WHERE LOCAL REGULATIONS PERMIT. DON NOT INCINERATE CLOSED CONTAINERS.**

**Section VIII - SPECIAL PROTECTION INFORMATION**

Ventilation: **GENERAL PLANT VENTILATION**

Protection Gloves: **SYNTHETIC RUBBER GLOVES MAY BE WORN SUBJECT TO EXPOSURE.**

Respiratory Protection: **NOT REQUIRED**

Eye Protection: **GOGGLES OR FACE SHIELD MAY BE WORN.**

Other Protective Equipment: **PROTECTIVE OUTERWEAR IS RECOMMENDED.**

**Section IX - SPECIAL PRECAUTIONS**

Handling & Storage: **STORE UPRIGHT, IN SEALED METAL CONTAINERS AWAY FROM HEAT OR OPEN FLAMES. CLEAN UP SPILLS PROMPTLY, TO AVOID SLIPPING OR TRACKING.**

Other Precautions: **DO NOT TRANSFER INTO UNMARKED CONTAINERS.**

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