

MATERIAL SAFETY DATA SHEET

UNIVERSAL STENCILING & MARKING SYSTEMS
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SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME: UNIVERSAL TYPE "P" RED STENCILING AND MARKING INK

HEALTH HAZARD
MINIMAL 0
SLIGHT 1
MODERATE ... 2
SERIOUS 3
SEVERE 4

HEALTH (1)
FLAMMABILITY (2)
REACTIVITY (0)

DOT CLASSIFICATION: UN-1210 FLAMMABLE LIQUID

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT NAME	%	CAS #	TLV/IPEL
AMSCO SOLV 1005	39	64741-41-9	100.0 PPM ACGIH TWA/200.0 PPM ACGIH STEL/500.0 PPM OSHA TWA
MAGIESOL 52 OIL	3	64742-46-7	5 MG/M3
KEROSENE	20	8008-20-6	NONE ESTABLISHED

SECTION III: PHYSICAL DATA

BOILING POINT	200 DEG. F. + OR - 6%
VAPOR DENSITY	HEAVIER THAN AIR
EVAPORATION RATE VS. BUTYL ACETATE	SLOWER
% VOLATILE/VOL	56%
WEIGHT/GALLON	APPROX: 9.0 LBS/GAL
APPEARANCE & ODOR	RED LIQUID WITH KEROSENE ODOR

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT	APPROX. 126 DEG. F.
EXTINGUISHING MEDIA	USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM
SPECIAL FIRE FIGHTING PROCEDURES	WATER SPRAY MAY SPREAD FIRE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE.

SECTION V: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE PRIMARY ROUTES OF ENTRY: DERMAL, INHALATION	EXCESSIVE INHALATION OF VAPORS MAY CAUSE HEADACHE, DIZZINESS, DROWSINESS AND NAUSEA. BECAUSE OF IT'S DEFATTING ACTION ON SKIN, THE SOLVENT IN THIS PRODUCT MAY CAUSE IRRITATION AND DERMATITUS. EYE IRRITATION IS ALOS POSSIBLE.
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EMERGENCY AND FIRST AID PROCEDURES

FUMES	REMOVE FROM EXPOSURE. RESTORE BREATHING IF REQUIRED. KEEP WARM & QUIET. TAKE TO A PHYSICIAN FOR DEFINITIVE MEDICAL TREATMENT.
SPLASH (EYES)	FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE TO A PHYSICIAN FOR DEFINITIVE MEDICAL TREATMENT.
SPLASH (SKIN)	WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. DESTROY CONTAMINATED SHOES. CONSULT A PHYSICIAN IF IRRITATION OCCURS.
INGESTION	DO NOT INDUCE VOMITING. CALL POISON CONTROL CENTER IMMEDIATELY.

SECTION VI: REACTIVITY DATA

STABILITY	STABLE
INCOMPATIBILITY (MATERIALS TO AVOID)	ALKALIS, OXIDIZING MATERIALS, WATER, AND MOIST AIR
HAZARDOUS DECOMPOSITION PRODUCTS	MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE
CONDITIONS TO AVOID	HEAT, SPARKS AND OPEN FLAMES

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS AND CONTACT WITH SKIN. RECOVER AS MUCH FREE LIQUID AS POSSIBLE WITH NON-SPARKING TOOLS. REMOVE REMAINDER WITH INERT ABSORBENT.
WASTE DISPOSAL METHOD	DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	USE ONLY IN WELL VENTILATED AREA TO KEEP VAPOR CONCENTRATION BELOW PEL.
IF SPRAYED	USE NIOSH APPROVED RESPIRATOR IF VAPOR OR EXCEEDS PEL.
VENTILATION	USE ADEQUATE VENTILATION TO PREVENT HIGH CONCENTRATION OF VAPOR. FANS SHOULD BE EXPLOSION PROOF.
PROTECTIVE GLOVES	REQUIRED FOR PROLONGED OR REPEATED CONTACT
EYE PROTECTION	IF SPLASH HAZARD EXISTS, USE SAFETY EYEWEAR.
OTHER PROTECTIVE EQUIPMENT	USE PROTECTIVE GARMENT AS REQUIRED.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & AND STORING	KEEP CONTAINERS CLOSED. STORE IN WELL VENTILATED AREA. OBSERVE SAFE HANDLING & STORING METHODS FOR FLAMMABLES.
OTHER PRECAUTIONS	CONTAINERS SHOULD BE GROUNDED WHEN POURING.

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