

MATERIAL SAFETY DATA SHEET

57182, 57185 SUBTRACTIVE PLATE DEVELOPER

Revision Date:5/1/13

Section I - Product Identification

Manufacturer's Name Mark Andy, Inc	Emergency Phone Number (24 Hours) CHEMTREC @ (800) 424-9300
Street Address 18081 Chesterfield Airport Road	MSDS access online at: https://shop.markandy.com/msds
City, State, Zip Code Chesterfield, MO 63005	Customer Service: (US) 800-225-4835 (CAN) 800-387-3143
General Phone: 636-532-4433	Date Prepared: March 8, 1995
Product Use: OFFSET PRINTING.	Prepared By: Kenneth W. Pinter

Chemical Name, Trade Name, Synonyms: NONE.

HMIS RATING

1 - Health 1 - Flammability 0 - Reactivity A - Personal Protection

Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
BENZYL ALCOHOL	100-51-6	5-15	NOT ESTABLISHED.	NOT ESTABLISHED.	

Section III - Physical Data

Boiling POINT(F): 212 F	pH: 6.8 - 7.1
Vapor Pressure(mm Hg): 16.0 @ 20C	Freezing Point(F): UNKNOWN.
Vapor Density (AIR = 1): NOT ESTABLISHED.	VOC: 109 G/L
Specific Gravity (H2O=1): 1.09	Color And Odor: CLEAR YELLOW/CITRUS
Odor Threshold: N.D.	Physical State: LIQUID.
Evaporation Rate (Butyl Acetate = 1): N.D.	
Solubility in Water: SOLUBLE.	

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): >200 F	Flammable Limits: LEL: N.A. UEL: N.A.
Auto-ignition Temperature: N.D.	
Extinguishing Media: FOAM / DRY CHEMICAL.	
Special Fire Fighting Procedures: SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN IN ANY FIRE INVOLVING CHEMICALS.	

Unusual Fire And Explosion Hazards: NONE EXPECTED.

Section V - Reactivity Data

Stability	Unstable : Stable : X	Conditions to Avoid: N.A.
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Incompatibility (Materials to Avoid): STRONG ACIDS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE AND
POSSIBLY SO2

Hazardous | May Occur: | Conditions to Avoid: N.A.
Polymerization | Will Not Occur: X |

Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN, INHALATION, INGESTION

Oral Ingestion: NAUSEA, VOMITING AND ABDOMINAL PAIN.

Eye Contact: IRRITATION, BURNING SENSATION, TEARING, REDNESS.

Skin Contact: MAY CAUSE DRYNESS AND IRRITATION.

Inhalation: RESPIRATORY IRRITATION, COUGHING, DIFFICULTY IN BREATHING.

Effects of Overexposure: IRRITATION TO EYE, SKIN, DIGESTIVE AND RESPIRATORY
SYSTEMS.

Medical Conditions Generally | DERMATITIS
Aggravated by Exposure

Carcinogenicity: CONTAINS NO MATERIALS THAT ARE LISTED BY NTP, IARC AND OSHA.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. CALL A PHYSICIAN.

Eye: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

Skin: IMMEDIATELY WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.

Inhalation: REMOVE TO FRESH AIR.

Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50 (RATS)	Dermal LD50 (RABBITS)
BENZYL ALCOHOL	1000PPM(8HRS)	1230 mg/KG	N.D.

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
CONTAIN AND MOP UP SPILLED MATERIAL. FLUSH AREA WITH LARGE AMOUNTS OF WATER.

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Disposal Method: IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE, AND
FEDERAL REGULATIONS.

Section IX - Special Protection Information

Ventilation Local Exhaust: PREFERABLE. Special: N.A.
Mechanical(General): ACCEPTABLE. Other: N.A.

Respiratory Protection: NOT NORMALLY NECESSARY.

Protective Clothing: RUBBER GLOVES.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: PROTECTIVE APRON.

Section X - Special Precautions

Precautions to be taken in Handling and Storing: STORE AT ROOM TEMPERATURES.
KEEP CONTAINERS CLOSED. USE WITH ADEQUATE VENTILATION. IF FROZEN, BEFORE USE,
BRING TO ROOM TEMPERATURE AND GENTLY MIX.

Other Precautions: WASH HANDS AFTER USING THIS PRODUCT.
KEEP OUT OF REACH OF CHILDREN.

Section XI - Transportation Information

Hazard Class: N.A.

DOT Proper Shipping Name: NOT REGULATED.

Section XII - Regulatory Information

CECLA/SUPERFUND,40 CFR 117,302: THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE
QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT
CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370):
THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312
IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES
NOT CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

TOXIC SUBSTANCES CONTROL ACT (TSCA):
This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIAL, THAT
CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

Section XIII - Addition Information

N.A.

N.D. = No Data N.A. = Not Applicable
The information herein given in good faith but no warranty, express or
implied, is made.