

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION.

Deco-Chem, Inc.
3502 N. Home Street
Mishawaka, IN 46545
574/259-3787
CHEMICAL EMERGENCY HOTLINE

PRODUCT NAME: **SIMULATED ETCH**

PRODUCT DESCRIPTION: Printing Ink
CHEMICAL FAMILY: Polyester
REVISION DATE: 07/09/07

PRODUCT ID 4449 MANUFACTURE DECO-CHEM, INC.

Emergency Phone Numbers
(800)424-9300 (Chemtrec)
(574)259-3787 (Deco-Chem, INC.)

Product Information
(574)259-3787

SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

<u>COMPONENT/CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>% WT</u>	<u>NOTES</u>
2-BUTOXYETHANOL 111-76-2	20 PPM	50 PPM	37.71 %	
SILICA, AMORPHOUS 7631-86-9	10 MG/M3	80 MG/M3	12.63 %	

SECTION 3 - HAZARDOUS IDENTIFICATION

HEALTH	2	FLAMMABILITY	2
CHEMICAL REACTIVE	0		

HARMFUL IF INHALED, ABSORBED THROUGH SKIN, OR SWALLOWED
CAUSES SKIN AND EYE IRRITATION
THE TOXICOLOGICAL PROPERTIES OF THIS PRODUCT HAVE NOT BEEN FULLY INVESTIGATED

SECTION 4 - FIRST-AID MEASURES

INHALATION: Move to fresh air. Treat symptomatically. Get medical attention, if needed.
EYES: Immediately flush with plenty of water. Get medical attention, if needed.
SKIN: Remove contaminated clothing and shoes. Flush with plenty of water. Get medical attention, if needed.
INGESTION: Immediately call a physician or poison control center. Induce vomiting as directed by medical personnel.

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide, or foam.
HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide.
SPECIAL FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible. Vapor from the solvent may

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accumulate in container headspace resulting
 in flammability hazard.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Eliminate all ignition sources.
 ENVIRONMENTAL PRECAUTIONS: Do not allow to enter sewers and surface or ground water.
 METHODS FOR CLEANING UP: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

SECTION 7 - HANDLING AND STORAGE

PERSONAL PRECAUTION: Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.
 PREVENTION OF FIRE AND EXPLOSION: Keep away from heat and flame. Keep from contact with oxidizing materials.
 STORAGE: Keep container closed and climate control.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels.
 RESPIRATORY PROTECTION: If engineering controls do not maintain airborne levels below exposure limits, an approved respirator must be worn.
 EYE PROTECTION: Wear safety glasses with side shields. Wear a full-face respirator, if needed.
 SKIN PROTECTION: Wear chemical-resistant gloves, boots, and protective clothing appropriate for the risk of exposure. Contact glove manufacturer for specific information.
 RECOMMENDED DECONTAMINATION FACILITIES: Eye bath, safety shower, and washing facilities

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	THICKER LIQUID	COLOR	WHITE
ODOR	SOLVENT	ODOR THRESHOLD	NOT AVAILABLE
MELTING POINT	NOT AVAILABLE	BOILING POINT	180 - 410 F
FLASH POINT	~ 154 F	EVAPORATION RATE	< ETHER
EXPOSIVE LIMITS	NOT AVAILABLE	VAPOR PRESSURE	NOT AVAILABLE
VAPOR DENSITY	NOT AVAILABLE	SOLUBILITY IN WATER	NEGLIGIBLE
PARTITION COEFFICIENT	NOT AVAILABLE	AUTO-IGNITION TEMPERATURE	NOT AVAILABLE
DECOMPOSITION TEMPERATURE	NO EXOTHERM		

SECTION 10 - STABILITY AND REACTIVITY

STABILITY	STABLE	HAZARDOUS POLYMERIZATION	WILL NOT OCCUR
CONDITIONS TO AVOID	ACIDIC CONDITION	INCOMPATIBILITY	OXIDIZING AGENT
HAZARDOUS DECOMPOSITION	NONE EXPECTED		

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SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological information for the product if found under Section 3: Hazards Identification. Additional toxicological information may be available on request.

SECTION 12 - ECOLOGICAL INFORMATION

This product has not been tested for environmental effects. Additional information may be available on request.

SECTION 13 - DISPOSAL CONSIDERATIONS

Deco-Chem encourages the recycle, recovery, and reuse of materials, where permitted, as an alternative to disposal as a waste. However, discharge, treatment, or disposal may be subject to national, state, or local laws. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container.

SECTION 14 - TRANSPORT INFORMATION

UN NUMBER	1210	PACKING GROUP	III
UN PROPER SHIPPING NAME	PRINTING INK		
TRANSPORTING HAZARD CLASSES			
DOT: Class 55			
IMDG: Class not regulated.			
ICAO: Class not regulated.			

SECTION 15 - REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of Controlled Products Regulations and the MSDS contains all the information required by the controlled Products Regulation. Additional information may be available on request.

SECTION 16 - OTHER INFORMATION

The information provided herein was believed by Deco-Chem, Inc. to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use.
