

INKTECH INTERNATIONAL CORP.  
160 Fenmar Drive  
Toronto, Ontario M9L 1M6

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: **SCS-3000 SUPER PASTE (PREMIXED)**

PRODUCT USE: SCREEN PRINTING PRODUCT

EMERGENCY TELEPHONE NO: (613)996-6666

### SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	EXPOSURE LIMITS	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)
SODIUM HYDROXIDE	10 - 30	1310-73-2	2mg / m <sup>3</sup> (ACG1H)	LD50 ORAL-RAT= 140-340 mg / kg
GLYCOL ETHER	7- 13	111-90-0	25 PPM TWA,SKIN	LD50 ORAL RAT= 5500 mg / kg
DETERGENT	1 - 5	9002-93-1	NOT LISTED	LD50 ORAL RAT= 1800 mg / kg

### SECTION III - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOR AND APPEARANCE Viscous paste, yellowish pungent odor	ODOR THRESHOLD (PPM) Not Available	
VAPOR PRESSURE (mmHg) < 0, 1	VAPOR DENSITY (Air = 1) > 1	EVAPORATION RATE Slower than Ether	BOILING PT (°C) Not Available
FREEZING PT. (°C) Not Available	SPECIFIC GRAVITY Not Available	COEFFI. WATER/ OIL DIST. Not Available	PH Alkali (> 7)

### SECTION IV - FIRE AND EXPLOSION DATA

#### FLAMMABILITY

YES  NO  IF YES, UNDER WHICH CONDITION? Combustible liquid, keep away from sparks and open flames.

MEANS OF EXTINCTION: Foam, CO<sub>2</sub>, Water Fog, Dry Chemical

SPECIAL PROCEDURE: While fighting fire, wear a self-contained breathing apparatus with a full face piece.

FLASH PT (°C) AND METHOD 56 (TCC)	UPPER FLAMMABLE LIMIT (% By Volume) Not Available	LOWER FLAMMABLE LIMIT (% By Volume) Not Available
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AUTOIGNITION TEMP. (°C) Not Available	HAZARDOUS COMBUSTION PRODUCTS CO, CO <sub>2</sub>
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EXPLOSION DATA •	SENSITIVITY TO IMPACT Not Available	SENSITIVITY TO STATIC DISCHARGE Not Available
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### SECTION V - REACTIVITY DATA

#### CHEMICAL STABILITY

YES  NO  IF NO, UNDER WHICH CONDITIONS?

#### INCOMPATIBILITY WITH OTHER SUBSTANCES

YES  NO  IF SO, WHICH ONES? Incompatible with strong acid, reacts with Aluminum, Tin, and Zinc.

REACTIVITY, AND UNDER WHAT CONDITIONS? Attack wool, leather and other organic products.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>

PRODUCT NAME: **SCS - 3000 SUPER PASTE (PREMIXED)**

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## SECTION VI - TOXICOLOGICAL PROPERTIES

### ROUTE OF ENTRY

SKIN CONTACT g      SKIN ABSORPTION g      EYE CONTACT g      INHALATION g      INGESTION g

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Eyes, Skin: Product is corrosive and may cause serious burns. Inhalation may cause irritation of respiratory tract. Ingestion may cause serious burns to mouth and throat and severe lesion to gastro-intestinal tract.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT : None Known

EXPOSURE LIMITS 2 mg / m <sup>3</sup> (ACG1H)	IRRITANCY OF PRODUCT Eyes, Skin, Respiratory & Ingestion Tracts	SENSITIZATION TO PRODUCTS Not Available	CARCINOGENICITY None Known
TERATOGENICITY None Known	REPRODUCTIVE TOXICITY None Known	MUTAGENICITY None Known	SYNERGISTIC PRODUCTS None Known

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## SECTION VII - PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT:

GLOVE (SPECIFY) Rubber, Nitrile, PVC	RESPIRATOR (SPECIFY) Mist Cartridge half Mask	EYE (SPECIFY) Goggles or Facial mask
FOOTWEAR (SPECIFY) Waterproof	CLOTHING (SPECIFY) Waterproof covering arms and legs	OTHERS (SPECIFY) Eye bath, Safety shower

ENGINEERING CONTROLS (SPECIFY, E.G.:VENTILATION, ENCLOSED PROCESS)  
General mechanical ventilation. Local exhaust recommended.

### LEAK AND SPILL PROCEDURE:

Small: Absorb with inert material.  
Large: Dike and pump into salvage truck.

### WASTE DISPOSAL :

Dispose of waste only at approved treatment facility.

### HANDLING PROCEDURES AND EQUIPMENT:

Ground and bond all equipment and containers. Use spark resistant tools. Smoking or eating should not be allowed before washing hands.

### STORAGE EQUIPMENT:

Store in cool well ventilated area. Keep away from heat, sparks and other sources of ignition.

### SPECIAL SHIPPING INFORMATION:

DGI classification: Corrosive Solids, N.O.S (Sodium Hydroxide), Class 8, UN1759, P.G. II

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## SECTION VIII - FIRST AID MEASURES

### SPECIFIC MEASURES:

EYE: Flush with water for at least 15 minutes, if irritation persists, seek medical care immediately.

SKIN: Immediately wash the affected areas with plenty of soap and water. Get medical aid if symptoms persist. Remove contaminated clothing.

INGESTION: DO NOT INDUCE VOMITING. Give two glasses of water to drink if patient is conscious. Get medical aid immediately.

INHALATION: Move patient to fresh air. Restore breathing if necessary. Keep patient warm and quiet and get medical aid.

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## SECTION IX - PREPARATION DATE OF MSDS

PREPARED BY:  
TECHNICAL DEPARTMENT

PHONE NUMBER  
(416) 743-4111

DATE:  
1/15/2008

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