



ALLIED PRESSROOM CHEMISTRY

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER * POSITIVE PLATE DEVELOPER POWDER		HEALTH HAZARD: 3
PRODUCT USE * Developer for Presensitized Positive Lithographic Printing Plates		FIRE HAZARD: 0
		REACTIVITY: 0
		PROTECTIVE EQUIPMENT: SC (Synthetic gloves, apron and splash goggles)
MANUFACTURER'S NAME ALLIED PHOTO OFFSET SUPPLY CORP.		
STREET ADDRESS 2040 LEE STREET		
CITY HOLLYWOOD	STATE FLORIDA	TELEPHONE: 800-327-8487
ZIP CODE 33020	EMERGENCY TELEPHONE NO 800-424-9300 CHEMTREC	FAX: 954-923-6462

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS <i>*These ingredients are subject to the reporting requirements of SARA 313 and 40 CFR 372</i>	%	CAS NUMBER	HAZARD DATA	LD50 OF INGREDIENT (SPECIFY SPECIES)
Sodium metasilicate	90-100	6834-92-0		

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Powder	ODOUR AND APPEARANCE Coarse white powder, odorless.			ODOUR THRESHOLD (PPM) Not established
VAPOUR PRESSURE (MM Hg) N/A	VAPOUR DENSITY (AIR=1) N/A	EVAPORATION RATE (Butyl acetate = 1) N/A	BOILING POINT (°C) N/A	MELTING POINT (°C) Not established
pH N/A	SPECIFIC GRAVITY 2.4	SOLUBILITY IN WATER Complete	V.O.C.'s 0% by Mass 0.0 lb per Gallon	

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	IF YES, UNDER WHICH CONDITIONS? * Not applicable		
EXTINGUISHING MEDIA No specific requirements	SPECIAL FIRE FIGHTING PROCEDURES: None		
FLASHPOINT (°F) AND METHOD Not flammable	UPPER FLAMMABLE LIMIT (% BY VOLUME) Unknown	LOWER FLAMMABLE LIMIT (% BY VOLUME) Unknown	
AUTOIGNITION TEMPERATURE (°C) Unknown	HAZARDOUS COMBUSTION PRODUCTS Carbon dioxide, Carbon monoxide		
EXPLOSION DATA * NOT KNOWN	SENSITIVITY TO IMPACT NO	SENSITIVITY TO STATIC DISCHARGE NO	

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IF NO UNDER WHICH CONDITIONS? * Not applicable	CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERISATION None
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO WHICH ONES? Strong oxidizing agents.		
HAZARDOUS DECOMPOSITION PRODUCTS In contact with open flame or incandescent material will liberate oxides of carbon and hydrocarbons.		



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SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT ■ SKIN ABSORPTION □ EYE CONTACT ■ INHALATION □ INGESTION ■

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Inhalation – May cause severe irritation. Eye - May cause irritation. Skin - Will cause irritation, redness and burning of skin. Ingestion can result in severe irritation of the digestive tract, nausea, vomiting and diarrhea.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: All of the above.

EXPOSURE LIMITS See section 2	IRRITANCY OF PRODUCT Severe irritant	SENSITIZATION TO PRODUCT: None	CARCINOGENICITY: No ingredient identified as carcinogenic, or potentially carcinogenic by NTP, IARC or OSHA
TERATOGENICITY None	REPRODUCTIVE TOXICITY: None	MUTAGENICITY: None	SYNERGISTIC PRODUCTS: Not known

EMERGENCY FIRST AID PROCEDURES:
EYES: Flush with running water for at least 15 minutes. Seek medical attention.
SKIN: Wash affected area with soap and water. Remove contaminated clothing and launder before re-use.
INHALATION: Remove to fresh air. If breathing difficulties occur, administer oxygen or artificial respiration.
INGESTION: Do not induce vomiting. Dilute by drinking water and seek medical attention.

SECTION 7 – PREVENTATIVE MEASURES

GLOVES Neoprene.	RESPIRATOR Not required under normal conditions.	EYE (SPECIFY) Splash proof goggles or face shield
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CLOTHING (SPECIFY)
Boots, aprons, or chemical suits should be used when necessary to prevent skin contact.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS)
Use local exhaust or dilution ventilation as appropriate to control exposure.

LEAK AND SPILL PROCEDURE:
Dike area to contain spill. Take precautions to prevent contamination of ground and surface waters. Recover spilled material using absorbent material such as vermiculite and sweep into closed containers for disposal.

WASTE DISPOSAL:
Contaminated vermiculite or porous surface must be disposed of in a permitted hazardous waste facility. Recovered solids may be reprocessed or incinerated in a permitted hazardous waste facility. In all cases material should be disposed of in accordance with all applicable regulations.

HANDLING PROCEDURES AND EQUIPMENT
Keep container closed when not in use. Store only in closed, properly labeled containers.

STORAGE REQUIREMENTS:
Store in a cool, dry, well ventilated area.

SPECIAL SHIPPING INFORMATION:
For industrial use only. Do not re-use the container. Keep out of reach of children.

ADDITIONAL INFORMATION

SPECIFIC MEASURES: This is an industrial material and should be used by trained personnel only. Containers of this material may be hazardous even when emptied, since containers will retain products residue. Follow all hazard warnings even after container is emptied. Do not breathe vapors, use with adequate ventilation. Avoid prolonged skin contact - wear protective gloves. Do not get in eyes - will cause severe irritation – wear protective goggles.

Proper Shipping Name Disodium trioxosilicate
Hazard Class 8
Identification Number UN 3253
Packing Group III
Reportable Quantity

SECTION 9 – PREPARATION AND DATE OF MSDS

PREPARED BY (GROUP DEPARTMENT, ETC.) ALLIED PRESSROOM CHEMISTRY TECHNICAL SERVICES DEPARTMENT	PHONE NUMBER 1-800-327-8487	DATE Sept 2010
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