

1950

TECHLINER

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME: Water Based Pigment Ink (Color: Black)
MANUFACTURER'S NAME: SHINTOH CHEMIFA INDUSTRY
ADDRESS: 2-14, 8-Chome, Higashi Imazato, Higashinari-ku,
Osaka 537-001, Japan
Tel: 06-6971-9996

DATE PREPARED: December 22, 2000
Director: T. Totuka

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II. HAZARDOUS INGREDIENTS

Ink Base Components:

Pigment Black	35.00%
Glycerin	18.00%
MEG	10.00%
Halogenide Nitrogen Sulfur Compound	0.50%
Active Agent	0.50%
Acryll: Ester Copolymer	15.00%

III. PHYSICAL PROPERTIES

VAPOR DENSITY:
SPECIFIC GRAVITY: Approx. 1.1
SOLUBILITY IN WATER: Approx. 100%
VAPOR PRESSURE:
APPEARANCE AND ODOR: Aqueous Solution
MELTING POINT:
BOILING POINT: Approx. 100°C
EVAPORATION RATE:

IV. FIRE AND EXPLOSION

FLASH POINT: None
FLAMMABLE LIMITS IN AIR: Nonflammable
FIRE EXTINGUISHING MATERIALS: Water Spray, Carbon Dioxide, and Foam
SPECIAL FIREFIGHTING PROCEDURES: This is nonflammable.
UNUSUAL FIRE AND EXPLOSION HAZARDS: There is no danger of occurring fire and explosion.

V. HEALTH HAZARD INFORMATION

INHALED: No Data

CONTACT WITH SKIN OR EYES: No Data

ABSORBED THROUGH SKIN: No Data

SWALLOWED: No Data

HEALTH HAZARDS (ACUTE AND CHRONIC):

FIRST AID / EMERGENCY PROCEDURES:

EYE CONTACT: Wash eyes with full of water. See a doctor when necessary.

SKIN CONTACT: Wash with soap and water when skin irritation occurs.

INHALED: Gargle immediately. See a doctor when necessary.

SWALLOWED: Vomit and see a doctor.

SUSPECTED CANCER AGENT:

VI. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (Materials to avoid):

HAZARDOUS DECOMPOSITION PRODUCTS (Including combustion products):

HAZARDOUS POLYMERIZATION:

VI. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILL RESPONSE PROCEDURE: Wipe well with dried cloth. When spilling in large space, surround it by fill to collect all.

PREPARE WASTES FOR DISPOSAL:

VI. SPECIAL HANDLING INFORMATION

VENTILATION: No regulation

RESPIRATORY PROTECTION: Protection Mask

EYE PROTECTION: Safety Glasses

GLOVES: Rubber Gloves

OTHER CLOTHING AND EQUIPMENT: None

WORK PRACTICES, HYGIENIC PRACTICES:

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep in well-ventilated indoor storeroom.

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5-9-02