

pg. 1

#25110-25112 MATERIAL SAFETY DATA SHEET

REVISION OF: 6-13-90

SHIP TO:

ATTN: P.A./HAZARDOUS MAT'L MANAGER

ORDER NO:

PROD NO: ~~30001040~~

SCRIPTO TOKAI CORP. 11591 ETIWANDA AVE. FONTANA, CA 92335  
Prepared By: Robert Massey

EMERGENCY ASSISTANCE

FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL CHEMTREC  
(800)424-9300

FOR PRODUCT AND SALES INFORMATION

CONTACT SCRIPTO TOKAI CORPORATION (800)241-8552

PRODUCT IDENTIFICATION

PRODUCT NAME: 104 WR & EP-Blue Ink

CAS NO: Mixture

COMMON NAMES/SYNONYMS: Blue (5841) Ink SCRIPTO CODE: 140001040

HAZARD RATING (NFPA 704 CRITERIA)

DATE ISSUED: 6-13-91

HEALTH: 1

SUPERSEDES: 5-2-90

FIRE: 0

HAZARD RATING SCALE:

REACTIVITY: 0

0-MINIMAL 3-SERIOUS

SPECIAL: N/A

1-SLIGHT 4-SEVERE

2-MODERATE

HAZARDOUS INGREDIENTS

| COMPONENT         | CAS NO.   | %       | EXPOSURE LIMITS.PPM |           |             |
|-------------------|-----------|---------|---------------------|-----------|-------------|
|                   |           |         | OSHA PEL            | ACGIH TLV | OTHER LIMIT |
| Benzotriazol      | 95-14-7   | 0.5     | None                | None      | None        |
| Sodium Salicylate | 54-21-7   | 0.1     | None                | None      | None        |
| Ammonium Sulfate  | 7783-20-2 | 0.5-1.0 | None                | None      | None        |

25110-25112

**PHYSICAL PROPERTIES**

BOILING POINT, DEG F: 212  
MELTING POINT, DEG F: 25  
SPECIFIC GRAVITY (WATER=1): 1.01  
APPEARANCE AND ODOR: Blue liquid essentially odorless.

VAPOR PRESSURE, MM HG/20 DEG C: n/a  
VAPOR DENSITY (AIR=1): Heavy  
WATER SOLUBILITY, %: 100%  
EVAPORATION RATE BUTYL ACETATE=1): n/a

**FIRST AID MEASURES**

IF INHALED: Not expected.

IN CASE OF EYE CONTACT: Immediately flush eyes with running water for 15 minutes. Get medical attention.

IN CASE OF SKIN CONTACT: Immediately wash skin with lots of soap and running water, will stain skin. If irritation persists, seek medical attention.

IN CASE SWALLOWED: Do not induce vomiting. Give large amounts of water and seek medical attention.

**HEALTH HAZARD INFORMATION**

PRIMARY ROUTES OF EXPOSURE: Ingestion, Dermal

SIGNS AND SYMPTOMS OF EXPOSURE INHALATION: No adverse affects expected.

EYE CONTACT: May cause mild eye irritation, including redness, swelling of mucous membranes, and tearing.

SKIN CONTACT: Will stain skin. May cause slight irritation.

SWALLOWED: May cause nausea and vomiting.

CHRONIC EFFECTS OF EXPOSURE: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

**TOXICITY DATA**

ORAL: LD50 greater than 2.5 grams per kilogram body weight (rats).

DERMAL: n/a

INHALATION: No data found.

CARCINOGENICITY: This material is not considered a carcinogen by the N.T.P., I.A.R.C., or OSHA.

OTHER DATA: n/a

**PERSONAL PROTECTION**

25110

pg. 3

**VENTILATION:** Local mechanical exhaust.

**RESPIRATORY PROTECTION:** If use conditions generate vapors or mists, wear a NIOSH approved respirator with cartridges approved for organic vapors or mists.

**EYE PROTECTION:** Safety goggles or face shield.

**PROTECTIVE CLOTHING:** Rubber gloves and apron.

**OTHER PROTECTIVE MEASURES:** n/a

**FIRE AND EXPLOSION INFORMATION**

**FLASH POINT, DEG F:** over 300 f      **FLAMMABLE LIMITS IN AIR, %:** not flammable

**METHOD USED:** n/a      **LOWER:** N/A      **UPPER:** N/A

**EXTINGUISHING MEDIA:** Water spray, dry chemical, CO2 or foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should wear self-contained breathing apparatus and protective clothing.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

**HAZARDOUS REACTIVITY**

**STABILITY:** Stable      **POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Extreme heat or cold.

**MATERIALS TO AVOID:** Strong oxidizers, water, moist air, alkalies.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides and organic compounds in black smoke.

**SPILL, LEAK AND DISPOSAL PROCEDURES**

**ACTION TO TAKE FOR SPILLS OR LEAKS:**

WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS, RUBBER GLOVES, RUBBER APRON, AND A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE OR A SUPPLIED-AIR RESPIRATOR. IF THE SPILL OR LEAK IS SMALL. A FULL FACEPIECE AIR-PURIFYING CARTRIDGE RESPIRATOR EQUIPPED FOR ORGANIC VAPORS MAY BE SATISFACTORY. IN ANY EVENT, ALWAYS WEAR EYE PROTECTION. FOR SMALL SPILLS OR DRIPS, MOP OR WIPE UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS; OR ABSORB WITH NON-COMBUSTIBLE SORBENT MATERIAL. PLACE RESIDUE IN DOT-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOILS. COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS ON SPILL REPORTING, AND HANDLING AND DISPOSAL OF WASTE.

**DISPOSAL METHODS:** DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

**NOTE:** EMPTY CONTAINERS CAN HAVE RESIDUES, GASES AND MISTS AND ARE SUBJECT TO PROPER WASTE DISPOSAL, AS ABOVE.

#### **SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE PRECAUTIONS:** Do not store un 32 f.

**REPAIR AND MAINTENANCE PRECAUTIONS:** DO NOT CUT, GRIND, WELD, OR DRILL ON OR NEAR THIS CONTAINER.

**OTHER PRECAUTIONS:** CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

#### **FOR ADDITIONAL INFORMATION**

CONTACT BOB MASSEY, MANAGER INK OPERATIONS, SCRIPTO TOKAI DURING BUSINESS HOURS, PACIFIC TIME (800)241-8552

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**END OF MSDS**