



# MATERIAL SAFETY DATA SHEET

## 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Trade Name** INK TYPE M NT  
**MSDS Number** 166  
**CAS Number** --0  
**Supplier** ITW TRANS TECH  
475 N. GARY AVENUE  
CAROL STREAM, IL 60188 USA

**Telephone Numbers - 24 Hour Emergency Assistance**  
Emergency (352)323-3500

**Telephone Numbers - General Assistance**  
Information (630)752-4000

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Concentration	Exposure Limits / Health Hazards
ETHOXYPROPYLACETATE	54839-24-6	20 - 50 %	OSHA PEL: 100ppm
EPOXIDHARZ (HG700)	25068-38-6	10 - 20 %	ND

## 3 HAZARDS IDENTIFICATION

### Emergency Overview

Ecological information biological degradability for some components of the product. Do not allow product to enter drains, ground water or water courses. Toxicological information excessive vapor concentration may yield narcotic effects.

## 4 FIRST AID MEASURES

### Skin

Dab with soft tissue and wash with plenty of water and soap. Do not use any organic solvent.

### Eye

Immediately rinse with plenty of water. Keep eyelids lifted. In case of irritation see physician.

### Inhalation

Take victim to fresh air. No special requirements with good room ventilaiton.

### Ingestion

On vomiting rest person on his side and keep respiratory tract free. See physician. Do not induce vomiting.

### Medical Conditions Aggravated by Exposure

ND

## 5 FIRE FIGHTING MEASURES

### Extinguishing Media

Extinguishing media: foam, carbondioxide, waterspray. Unsuitable media: waterjet. Do not allow extinguishing media to soak into soil. Take measures to collect firefighting media.

### Basic Fire Fighting Procedures

Do not allow extinguishing media to soak into soil. Take measures to collect firefighting media. Do not breath vapors/fumes - use selfrespiratory device.

**Flash Point** 54 C

**Flammability Limits in Air, Lower, % by Volume** 1

**Flammability Limits in Air, Upper, % by Volume** 9.8

## 6 ACCIDENTAL RELEASE MEASURES

### Spill or Leak Procedure

Person: avoid contact with skin, eyes and clothes. Remove sources of ignition Do not eat, drink or smoke at the work place.  
Environment: prevent material to enter soil, drains or water courses. Spill control: absorb with sawdust or other inert material. For disposal fill in adequate containers and handle as special waste.

## 7 HANDLING & STORAGE

### Handling

Product is flammable and can form combustibile mixtures with air. Avoid electrostatic charging of container.

### Storage

Keep container well closed after use.

### Ventilation

Exposure: install proper room ventilation in working and storage area. Respiratory: no special requirements with good room ventilaiton.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Eye Protection: Personal Protection Equipments (PPE)

When splashes may occur (pouring material into another container) wear splash proof goggles.

### Skin Protection: Personal Protection Equipments (PPE)

Apply mild hand cream. Use solvent proof rubber gloves. General: when handling the product wear usual work clothes.

## 9 PHYSICAL & CHEMICAL PROPERTIES

### Odor and Appearance

Pasteous/characteristic

**Boiling Point** 158 C

**Specific Gravity** 1

**Melting Point** NI

**Percent Volatile** 20 - 50 % By volume

**Vapor Pressure** 2.3 mbar

**Evaporation Rate** NI

**Vapor Density** 1.8

**Solubility In Water** 0 % fully soluable components

## 10 STABILITY & REACTIVITY

### Stability/Incompatibility

Elevated temperature in the container may cause combustion. (raise of vapor presure). Direct contact with oxidants will yield decomposition/inflammation, forming gases.

## 11 TOXICOLOGICAL INFORMATION

### Routes of Exposure

Inhalation: excessive breathing of vapors has narcotic effects, may cause drowsiness. Skin contact: degreasing effects. Prolonged or repeated contact may cause inflammation. Eye contact: moderate irritation by direct contact. Swallowing: not know. Environment: harmful for aquatic environment. In case of fire may be formed: halogen containing gases.

## 12 ECOLOGICAL INFORMATION

## 13 DISPOSAL CONSIDERATIONS

### Waste Disposal

Liquid remainder is special waste. Do not dispose together with normal domestic waste. See local regulations. Send via licensed waste handler to dump, incineration or redistillation in accordance with local regulations.

## 14 TRANSPORT INFORMATION

## 15 REGULATORY INFORMATION

### NFPA Ratings

Health

Flammability

Reactivity

Special Hazards

### HMIS Ratings

Health 2

Flammability 2

Reactivity 1

Personal Prot. Equip. F

## 16 OTHER INFORMATION

### Disclaimer

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of ITW Trans Tech. The data on this sheet applies only to the specific material designated herein. ITW Trans Tech. assumes no legal responsibility for use of reliance upon this data.

Completed On

6/10/2008

Replaces Sheet Dated

9/25/2007

Completed By