



MATERIAL SAFETY DATA SHEET

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name INK TYPE TH NT - OBSOLETE
MSDS Number 206
CAS Number --0
Supplier TRANS TECH AMERICA, INC.
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
BUTYL GLYCOL ACETATE	112-07-2	5 - 10 %	N/A
XYLENES	1330-20-7	1 - 5 %	OSHA TWA: 100ppm; OSHA STEL: 150ppm
N-BUTANOL	71-36-3	1 - 5 %	OSHA PEL: 100ppm ACGIH TLV: 150mg/m3
METHOXYPROPYLACETATE	108-65-6	10 - 20 %	ACGIH TLV: 50ppm

3 HAZARDS IDENTIFICATION

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 ventilation.

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

Foam, carbon dioxide, waterspray hint: do not allow extinguishing media to soak into soil. Take measures to collect firefighting media.

Unusual Fire & Explosion Hazards

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

Flash Point 36 C

Flammability Limits in Air, Lower, % by Volume 1.2

Flammability Limits in Air, Upper, % by Volume 10.6

6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure

Person: avoid contact with skin, eyes, and clothes. Remove sources of ignition Proper ventilation of workplace.
Environment: prevent material to enter soil, drains or water sources. Spill control: absorb with sawdust, kieselguhr or other inert material.

7 HANDLING & STORAGE

Storage

Handling: avoid release of vapors. Storage: keep container well closed after use. Avoid frequent warming above 50c. Product is subject to the guidelines of vbf. Keep away from food, preferably store in original container.

Ventilation

Install proper room ventilation in working and storage area.

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 handcream. 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 139 C

Specific Gravity 0

Melting Point NI

Vapor Pressure 3

Evaporation Rate NI

Vapor Density 1.1

Solubility In Water 0 % fully soluble components

10 STABILITY & REACTIVITY

Stability/Incompatibility

Elevated temperature in the container may cause combustion. (raise of vapor pressure). Direct contact with oxidants Ni

Hazardous Reactions/Decomposition Products

Harmful for aquatic environment. In case of fire may be formed: halogen containing and nitrous gases.

Hazardous Polymerization

NI

11 TOXICOLOGICAL INFORMATION

Routes of Exposure

Ni

12 ECOLOGICAL INFORMATION

13 DISPOSAL CONSIDERATIONS

Waste Disposal

For disposal, fill in adequate containers and handle as special waste. Liquid remainder is special waste. Do not dispose together with normal comestic waste. See local regulations. Send via licensed waste handler to dump, incinerate or redistillation in accordance with local regulations. Emptied, cleaned and dry containers can be recycled.

14 TRANSPORT INFORMATION

15 REGULATORY INFORMATION

NFPA Ratings

Health

Flammability

Reactivity

Special Hazards

HMIS Ratings

Health 0

Flammability 2

Reactivity 1

Personal Prot. Equip. B

16 OTHER INFORMATION

Disclaimer

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Trans Tech America, Inc. The data on this sheet applies only to the specific material designated herein. Trans Tech America, Inc. assumes no legal responsibility for use of reliance upon this data. Toxicological information excessive vapor concentrations may yield narcotic effects. Ecological information biological degradibility for some components of the product. Do not allow product to enter drains, ground water, or water courses.

Completed On

1/14/1998

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Completed By

TRANS TECH AMERICA, INC.