



# MATERIAL SAFETY DATA SHEET

## 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Trade Name** INK TYPE PC NT  
**MSDS Number** 367  
**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
CYCLOHEXANONE	108-94-1	10 - 25 %	ACGIH TLV: 100 mg/m3
2-BUTOXYETHYL ACETATE	112-07-2	10 - 25 %	n.av.
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6	25 - 50 %	NA
SOLVENT NAPHTHA(Petroleum) light aroma	64742-95-6	25 - 50 %	n.av.
DIISODECYLPHENYLPHOSPHITE	25550-98-5	< 1	n.av.
BARIUM4(1,1-DIMETHYLETHYL)BENZO <sup>A</sup>	10196-68-6	< 1	n.av.

## 3 HAZARDS IDENTIFICATION

### Potential Health Effects, Skin

Skin contact may lead to degreasing with resultant dry skin, cracking, irritation and dermatitis.

### Potential Health Effects, Eye

Eye contact causes irritation, redness, tearing, blurred vision. Vapors may cause severe eye irritation, redness, tearing and blurred vision.

### Potential Health Effects, Inhalation

Excessive vapor concentration in air, especially in confined spaces, may cause asphyxiation. Excessive inhalation of vapors can cause nasal, throat and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

### Potential Health Effects, Ingestion

Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Signs & Symptoms of Short-Term (Acute) Exposure

Excessive vapor concentration in air, especially in confined spaces, may cause asphyxiation. Excessive inhalation of vapors can cause nasal, throat and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Eye contact causes irritation, redness, tearing, blurred vision. Eye contact with liquid or vapor causes severe irritation, redness, tearing, blurred vision. Vapors may cause severe eye irritation, redness, tearing and blurred vision. Prolonged skin contact may lead to extraction of natural oils with resultant dry skin, cracking, irritation and dermatitis. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Notice: intentional misuse by deliberately concentrating and inhaling the contents maybe harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

### Effects of Long-Term (Chronic) Exposure

Health studies have shown that many solvents pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids and vapors should be minimized. -Prolonged or continuous inhalation of vapors may result in delayed lung damage. -Repeated or prolonged inhalation of vapor may cause liver and kidney damage. Repeated inhalation of vapor in high concentration can change the blood picture.

## 4 FIRST AID MEASURES

### Skin

Wash away with soap and water and rinse. DO NOT use solvents or thinners.

### Eye

Remove contact lenses, keep eyelids open. Flush with water for at least 15 minutes, consult a physician.

### Inhalation

Take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration. Call a physician.

### Ingestion

Do not induce vomiting. Consult physician or poison control center immediately. Keep at rest.

### Medical Conditions Aggravated by Exposure

In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Unconsciousness: lateral position - call a physician.

## 5 FIRE FIGHTING MEASURES

### Extinguishing Media

Foam, carbon dioxide, dry chemical powder  
Not suitable: water jet

### Basic Fire Fighting Procedures

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

### Unusual Fire & Explosion Hazards

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

**Flash Point** 43 °C

**Flammability Limits in Air, Lower, % by Volume** 6

**Flammability Limits in Air, Upper, % by Volume** 10

## 6 ACCIDENTAL RELEASE MEASURES

### Environmental Precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewer systems, inform appropriate authorities in accordance with local regulations.



## 10 STABILITY & REACTIVITY

### Stability/Incompatibility

Stable under recommended storage and handling conditions Materials to Avoid: Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### Hazardous Reactions/Decomposition Products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

### Hazardous Polymerization

none.

## 11 TOXICOLOGICAL INFORMATION

### Routes of Exposure

Inhalation, skin, eyes and ingestion.

## 12 ECOLOGICAL INFORMATION

## 13 DISPOSAL CONSIDERATIONS

### Waste Disposal

According to state and local regulations.

## 14 TRANSPORT INFORMATION

### Department of Transportation (DOT) Requirements:

#### General Transportation Information for Bulk Shipments

Proper Shipping Name	Paint Related Material	UN/NA Code	1210
Hazard Class	Combustible Liquid - Class II		
Labels Required	Combustible Liquid		

## 15 REGULATORY INFORMATION

### NFPA Ratings

Health	Flammability	Reactivity	Special Hazards
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### HMIS Ratings

Health 2	Flammability 2	Reactivity 1	Personal Prot. Equip. C
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## 16 OTHER INFORMATION

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