

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Type: Ribbon Ink  
Supplier: Pyramid Time Systems  
Address: 45 Gracey Ave.  
Meriden, CT 06451  
Phone: 203-238-0550  
Fax: 203-634-1696

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS#	Content (%)
C.I.Solvent black 7	8005-02-5	10 - 15 %
Carbon black	1333-86-4	4 - 5 %
Fatty acid	112-80-1	35 - 40 %
Fatty acid ester	68956-08-1	1 - 5%
Mineral oil	64742-52-5	30 - 35 %
Surface active agent	8007-43-0	10 - 15 %

## 3. HAZARDS IDENTIFICATION

Inhalation: N.A.  
Eye Contact: May cause an irritation.  
Skin Contact: Prolonged or repeated skin contact can cause irritation.  
Ingestion: May cause diarrhea if significant quantities are ingested.

## 4. FIRST AID MEASURE

ThresholdLimit Value 3 mg/M3 (oil mist)  
Effect Of Overexposure Possible transient irritation to eyes; essentially non-irritating to skin. Mist generated by heat or violent agitation may irritate eyes, nose and throat  
Emergency and First Aid Procedures Flush eyes with water for at least 15 minutes, get medical attention. For prolonged skin contact, wash the affected skin areas thoroughly with soap and water. Remove and launder contaminated clothing before reuse. If swallowed, DO NOT induce vomiting. Get medical attention. Remove to fresh air.

## 5. FIRE FIGHTING MEASURES

Flash Point: DEG C 200  
Flammable Limits: N.A.  
Extinguish Media: Use water, foam, CO2, or dry chemical to extinguish fires  
Special Fire Fighting Procedures: Treat as oil fire. Water spray may cool closed containers to prevent pressure buildup and possible autoignition on exposure to extreme heat.  
Unusual fire and explosion hazards: Keep containers tightly closed. Isolate from heat, sparks and flame.

## 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if spilled: This is not a regulated product. Spills should be contained, absorbed, and placed in

Waste Disposal Method	suitable container for disposal. Landfill or incinerate in accordance with applicable local, state, and government environmental regulations
-----------------------	---

**7. HANDLING AND STORAGE**

Precautions to be taken in handling and storing:	In accordance with good industrial work practice, handle with care, avoid spills, unnecessary contact, and wash thoroughly after handling.
Other Precautions	Avoid contamination of food, drink, etc.
Empty Containers	Dispose of according to applicable local, state or government environmental regulations.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protections:	N.A.
Ventilation:	Mechanical (general) ventilation is acceptable.
Eye Protection:	Safety goggles or glasses with side shields.
Protective Clothing:	Protective gloves required for prolonged or repeated contact

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Black paste
Solubility in water	Insoluble
Specific gravity	1.00 - 1.20
Viscosity (25C )	600 +/- 100
Particle size	10 - 20 micron
PH value	6.4 - 6.8

**10. STABILITY & REACTIVITY**

Stability:	Stable.
CONDITIONS TO AVOID	Excessive heat, sparks or open flame
INCOMPATIBILITY:	Strong chemical oxidizing agent
HAZARDOUS	will not occur
POLYMERIZATION:	

**11. TOXICOLOGICAL INFORMATION**

No Data Given.

**12.ECOLOGICAL INFORMATION**

No Data Given.

**13. DISPOSAL CONSIDERATIONS**

Waste Disposal Method:	Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.
------------------------	---

**14. TRANSPORTATION INFORMATION-** No data given.

**15. REGULATORY INFORMATION-** No data given.