

MATERIAL SAFETY DATA SHEET

#27
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(APPROVED BY THE U.S. DEPARTMENT OF LABOR AS "essentially similar" to form OSHA-20 (former LSB-OSS-4)
FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

Section 1 NAME AND PRODUCT 4-4970 Ink Roller Desensitizer

MANUFACTURER'S NAME (a) A.B.DICK COMPANY		EMERGENCY PHONE NO.: 24 HOURS (b) 312-647-8800
STREET ADDRESS (c) 5700 WEST TOUHY AVENUE		DATE THIS FORM WRITTEN (d) February 20, 1986
CITY, STATE, ZIP CODE (e) CHICAGO, ILLINOIS 60648		SIGNATURE (f) Kenneth W. Pinter <i>Kenneth W. Pinter</i>
CHEMICAL NAME, TRADE NAME, AND SYNONYMS (g) N.A.		

HAZARD CLASSIFICATION FOR DEPARTMENT OF TRANSPORTATION (DOT)

Flammable Liquid Combustible Liquid Corrosive Material

DOT Shipping Name Compound, Cleaning, Liquid (contains Hydrochloric Acid) **UN#** NA 1789

Section 2 HAZARDOUS INGREDIENTS	CAS Reg. No.	% Wt.	TLV (units)
1. Cupric Chloride	7447-39-4	2- 4	
Hydrochloric Acid	7647-01-0	< 4	5 ppm
Ethylene Glycol	107-21-1	15-20	50 ppm
Hexylene Glycol	107-41-5	50-55	25 ppm
Petroleum Solvent (benzene less than 0.1%) (Z-1)	64742-94-5	4- 6	200 ppm
C ₉ - C ₁₂ Paraffins, Cycloparaffins and aromatics			

Section 3 PHYSICAL DATA	pH	< 1.0	FREEZING POINT (°F)	N.A.
2. BOILING POINT (°F.)	> 300		6. SPECIFIC GRAVITY (H ₂ O = 1)	0.963
3. VAPOR PRESSURE (mmHg at 20°C)	< .2		7. % VOLATILE BY VOLUME	20
4. VAPOR DENSITY (air=1)	> 1		8. COLOR AND ODOR	Green - Mild
5. SOLUBILITY IN WATER	Soluble		9. PHYSICAL STATE	Liquid

Section 4 FIRE AND EXPLOSION HAZARD DATA

10. FLASH POINT (AND METHOD USED) 120 °F T.O.C., T.C.C. C.O.C.	11. FLAMMABLE LIMITS (STP) for petroleum solvent. L.F.L. 0.5 U.F.L. 6.0
12. EXTINGUISHING MEDIA: <input checked="" type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> FOAM <input type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CO ₂ <input type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER _____	

13. SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT

Wear self-contained breathing apparatus.

14. UNUSUAL FIRE AND EXPLOSION HAZARDS

None.

Section 5 REACTIVITY DATA

15. STABILITY	NORMAL CONDITIONS	OK	16. CONDITIONS TO AVOID None.
	FIRE CONDITIONS	OK	
17. INCOMPATIBILITY (Materials to avoid)	<input type="checkbox"/> WATER <input type="checkbox"/> ACID <input type="checkbox"/> BASE <input type="checkbox"/> CORROSIVE <input type="checkbox"/> OXIDIZING MATERIAL <input checked="" type="checkbox"/> OTHER Corrosive to most metals.		

18. HAZARDOUS DECOMPOSITION PRODUCTS

H₂O, CO₂ and smoke.

19. HAZARDOUS POLYMERIZATION	MAY OCCUR		20. CONDITIONS TO AVOID None.
	WILL NOT OCCUR	X	

Material Safety Data Sheet - (continued)

Section 6 HEALTH HAZARD DATA Primary Route of Entry: Ingestion, dermal.

21. ORAL INGESTION

Predominant Glycol: oral LD₅₀ (Rat) = 4000 mg./Kg. May cause liver and kidney damage.

22. EYE CONTACT

Severe eye irritant. Avoid contact.

23. SKIN CONTACT

Irritant. Avoid prolonged or repeated contact.

24. SKIN ABSORPTION

As in #23.

25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

Possible lightheadedness, headache, and nausea. Hexylene Glycol TLV = 25 ppm.

26. EFFECTS OF OVEREXPOSURE

Nausea, dizziness, tremors and convulsions.

27. FIRST AID PROCEDURES

Ingestion: DO NOT induce vomiting. Seek immediate medical attention.
 Eyes: Wash with water for at least 15 minutes. See medical attention.
 Skin: Wash with soap and water. If irritation persists, seek medical attention.
 Inhalation: Remove to fresh air and call physician.

Section 7 SPILL OR LEAK PROCEDURES

28. STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up with absorbent material.

29. DISPOSAL METHOD

In accordance with local, state and federal regulations for corrosive material.

Section 8 SPECIAL PROTECTION INFORMATION

30. VENTILATION	LOCAL EXHAUST	SPECIAL
	N.A.	N.A.
	MECHANICAL (General)	OTHER
	Recommended.	N.A.

31. RESPIRATORY PROTECTION (Specify Type)

Normally not required.

32. PROTECTIVE CLOTHING

Rubber gloves are recommended.

33. EYE PROTECTION

- NOT NORMALLY NECESSARY SAFETY GLASSES WITHOUT SIDE SHIELDS CHEMICAL WORKERS GOGGLES
 GAS TIGHT GOGGLES OR EQUIVALENT SAFETY GLASSES WITH SIDE SHIELDS
 OTHER _____

34. OTHER PROTECTIVE EQUIPMENT

None.

Section 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

35. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep work areas free of sources of ignition.

36. OTHER PRECAUTIONS

Contains no known carcinogenic material in excess of .1%