

MAIERIAL SAFETY DATA SHEET

(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 4-1080 Dual Purpose Electrostatic Solution
 MANUFACTURER'S NAME
 (a) A.B.DICK COMPANY EMERGENCY PHONE NO.: 24 HOURS (b) 312-647-8800
 STREET ADDRESS
 (c) 5700 WEST TOUHY AVENUE For latest data, contact suit manufacturer. (d) DATE THIS FORM WRITTEN
 CITY, STATE, ZIP CODE
 (e) CHICAGO, ILLINOIS 60648 SIGNATURE (f) Kenneth W. Pinter *Kenneth W. Pinter*
 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 _____ Not regulated. UN# _____

Section 2 HAZARDOUS INGREDIENTS	CAS Reg. No.	% Wt.	TLV (units)
1. Potassium Ferrocyanide *	13943-58-3	2-3	None established

* (CN) equivalent to 7×10^{-5} mg/l

Section 3 PHYSICAL DATA	PH	4.3	FREEZING POINT (°F)	20
2. BOILING POINT (°F)	>212		6. SPECIFIC GRAVITY (H ₂ O = 1)	1.104
3. VAPOR PRESSURE (mmHg at 20°C)	20 mm		7. % VOLATILE BY VOLUME	80-85
4. VAPOR DENSITY (air=1)	0.60		8. COLOR AND ODOR	Green - no odor
5. SOLUBILITY IN WATER	Complete		9. PHYSICAL STATE	Liquid

Section 4 FIRE AND EXPLOSION HAZARD DATA	11. FLAMMABLE LIMITS (STP)	L.F.L.	N.A.	U.F.L.	N.A.
10. FLASH POINT (AND METHOD USED)					
N.A. OF T.O.C., T.C.C., C.O.C.					
12. EXTINGUISHING MEDIA:	<input type="checkbox"/> WATER FOG <input type="checkbox"/> FOAM <input type="checkbox"/> ALCOHOL FOAM <input type="checkbox"/> CO ₂ <input type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER _____				
N.A.					

13. SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT
 N.A.
 14. UNUSUAL FIRE AND EXPLOSION HAZARDS
 N.A.

Section 5 REACTIVITY DATA	16. CONDITIONS TO AVOID
15. STABILITY	Storage near acids.
NORMAL CONDITIONS	OK
FIRE CONDITIONS	OK

17. INCOMPATIBILITY (Materials to avoid)

WATER ACID BASE CORROSIVE OXIDIZING MATERIAL

OTHER _____

18. HAZARDOUS DECOMPOSITION PRODUCTS
 Contact with acid or acidic materials may generate hydrogen cyanide.

19. HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	20. CONDITIONS TO AVOID
		X	N.A.

Section 6 **HEALTH HAZARD DATA** Primary Route(s) of Entry: Dermal**21. ORAL INGESTION**

Low toxicity.

22. EYE CONTACT

May cause some irritation.

23. SKIN CONTACT

No known problem.

24. SKIN ABSORPTION

See Item #23.

25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

No known problem. Decomposition product TLV (ceiling) = 10 ppm

26. EFFECTS OF OVEREXPOSURE

Unknown. Not considered a problem.

27. FIRST AID PROCEDURES

Ingestion: Call a physician.

Eyes: Flush with plenty of water. If irritation persists, seek medical attention.

Skin: Wash with soap and water.

Inhalation: Remove to fresh air.

Section 7 SPILL OR LEAK PROCEDURES**28. STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Wipe up with dry or damp cloth.

29. DISPOSAL METHOD

Dispose of according to local and state regulations for water soluble materials containing small amount of complexed cyanides.

Section 8 SPECIAL PROTECTION INFORMATION

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

31. RESPIRATORY PROTECTION (Specify Type)

N.A.

32. PROTECTIVE CLOTHING

N.A.

33. EYE PROTECTION NOT NORMALLY NECESSARY GAS TIGHT GOGGLES OR EQUIVALENT SAFETY GLASSES WITHOUT SIDE SHIELDS SAFETY GLASSES WITH SIDE SHIELDS CHEMICAL WORKERS GOGGLES OTHER _____**34. OTHER PROTECTIVE EQUIPMENT**

N.A.

Section 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS**35. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Solutions may freeze and should be brought to room temperature and shaken vigorously before using.

36. OTHER PRECAUTIONS

N.A.