

MATERIAL SAFETY DATA SHEET

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556039

(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

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Section 1 NAME AND PRODUCT 4-3792 Offset Toner Solution

MANUFACTURER'S NAME		EMERGENCY PHONE NO.: 24 HOURS
(a) A.B.DICK COMPANY		(b) 312-647-8800
STREET ADDRESS		DATE THIS FORM WRITTEN
(c) 5700 WEST TOUHY AVENUE		(d) July 2, 1985
CITY, STATE, ZIP CODE		SIGNATURE
(e) CHICAGO, ILLINOIS 60648		(f) Kenneth W. Pinter <i>Kenneth W. Pinter</i>

CHEMICAL NAME, TRADE NAME, AND SYNONYMS
(g)

HAZARD CLASSIFICATION FOR DEPARTMENT OF TRANSPORTATION (DOT)

Flammable Liquid Combustible Liquid Corrosive Material _____

Not regulated. UN# _____

DOT Shipping Name _____

Section 2 HAZARDOUS INGREDIENTS

Section 2	HAZARDOUS INGREDIENTS	CAS Reg. No.	% Wt.	TLV (units)
1.	Petroleum Distillate (Z-1)	68551-16-6	99	300 ppm
	Resin treated Carbon Black (Z-1)	1333-86-4	1	

Section 3 PHYSICAL DATA

Section 3	PHYSICAL DATA	pH	FREEZING POINT (°F)
2.	BOILING POINT (°F.)	313 - 348	6. SPECIFIC GRAVITY (H ₂ O = 1) 0.75
3.	VAPOR PRESSURE (mmHg at 20°C)	36 @ 25°	7. % VOLATILE BY VOLUME 100
4.	VAPOR DENSITY (air=1)	5.0	8. COLOR AND ODOR Black - Petroleum
5.	SOLUBILITY IN WATER	Insoluble	9. PHYSICAL STATE Liquid

Section 4 FIRE AND EXPLOSION HAZARD DATA

10. FLASH POINT (AND METHOD USED) 102-104 °F T.O.C., (C.C.C.), C.O.C.	11. FLAMMABLE LIMITS (STP) L.F.L. 0.8% U.F.L. 7%
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12. EXTINGUISHING MEDIA:

WATER FOG FOAM ALCOHOL FOAM CO₂ DRY CHEMICAL

OTHER _____

13. SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT
Use air-supplied breathing equipment in enclosed areas.

14. UNUSUAL FIRE AND EXPLOSION HAZARDS
None

Section 5 REACTIVITY DATA

15. STABILITY	NORMAL CONDITIONS	OK	16. CONDITIONS TO AVOID DO NOT smoke. Avoid any ignition sources.
	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 checked="" type="checkbox"/> Strong OXIDIZING MATERIAL		

18. HAZARDOUS DECOMPOSITION PRODUCTS
Fumes; smoke and carbon monoxide.

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

Section 6 HEALTH HAZARD DATA

21. ORAL INGESTION

DO NOT induce vomiting; call a physician.

22. EYE CONTACT

Flush with water for 15 minutes or until irritation subsides.

23. SKIN CONTACT

Mild irritant, wash with soap and warm water.

24. SKIN ABSORPTION

Mild irritant; wash with soap and warm water.

25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

Recommended limit as 300 ppm for 8 hour period.

26. EFFECTS OF OVEREXPOSURE

Dizziness and headache to unconsciousness.

27. FIRST AID PROCEDURES

If overcome by vapor, remove from exposure immediately; call a physician. If breathing is irregular or stopped, start resuscitation, administer oxygen. If ingested, DO NOT induce vomiting; call a physician. In case of skin contact, remove any contaminated clothing, and wash skin with soap and water. If splashed into the eyes, flush eyes with clear water for 15 minutes or until irritation subsides.

Section 7 SPILL OR LEAK PROCEDURES

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

Remove all ignition sources. Wipe up or use absorbent material.

29. DISPOSAL METHOD

In accordance with all applicable regulations for combustible solvents or incinerate.

Section 8 SPECIAL PROTECTION INFORMATION

30. VENTILATION	LOCAL EXHAUST Face velocity 60 fpm.	SPECIAL Use only with adequate ventilation.
	MECHANICAL (General) Explosion-proof if used.	OTHER

31. RESPIRATORY PROTECTION (Specify Type)

None

32. PROTECTIVE CLOTHING

None

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 container closed when not in use. DO NOT store near ignition sources or strong oxidants such as liquid chlorine or concentrated oxygen.

36. OTHER PRECAUTIONS

If a large quantity is spilled on clothing, remove contaminated clothing and wash before reuse. See Item #23.