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SYRACUSE CITY SCHOOL DISTRICT  
725 HARRISON STREET  
SYRACUSE, NEW YORK 13210

03/06/90

A.B. Dick Company  
5700 W. Touhy Avenue  
Chicago IL 60648

OSHA's Hazard Communication Standard requires that you supply Material Safety Data Sheets (MSDS) for all hazardous substances which you produce. Please send properly completed Material Safety Data Sheets for the following chemical(s) which we purchased from your firm.

Offset Fixer Copyrapid

Thank you for your assistance. If you have any questions, please contact me at (315) 425-4286.

Sincerely,

*Carole Wasko*

Carole E. Wasko  
Coor. for Envir. Safety

A. B. DICK CO.  
MSD Request

MAR 12 1990

B. M. Bartus

# MATERIAL SAFETY DATA SHEET

#19

552301

(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		24-2030 Spirit Process Fluid	
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) June 25, 1986	
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) Methyl Alcohol			

## HAZARD CLASSIFICATION FOR DEPARTMENT OF TRANSPORTATION (DOT)

Flammable Liquid ☒ Combustible Liquid ☐ Corrosive Material ☐

DOT Shipping Name Methyl Alcohol, Flammable Liquid UN# 1230

Section 2	HAZARDOUS INGREDIENTS	CAS Reg. No.	% Wt.	TLV (units)
1.	Methyl Alcohol (Z-1)	67-56-1	95	OSHA 200 ppm  ACGIH 200 ppm (skin)

Section 3	PHYSICAL DATA	pH	N.A.	FREEZING POINT (°F)	N.A.
2. BOILING POINT (°F.)	ca. 150			6. SPECIFIC GRAVITY ( $H_2O = 1$ )	0.806
3. VAPOR PRESSURE (mmHg at 20°C)	ca. 97			7. % VOLATILE BY VOLUME	100
4. VAPOR DENSITY (air=1)	ca. 1.4			8. COLOR AND ODOR	Colorless - alcohol
5. SOLUBILITY IN WATER	Complete			9. PHYSICAL STATE	Liquid

## Section 4 FIRE AND EXPLOSION HAZARD DATA

10. FLASH POINT (AND METHOD USED)	11. FLAMMABLE LIMITS (STP)
52-54 °F T.O.C., T.C.C. C.O.C.	L.F.L. 6 U.F.L. 36
12. EXTINGUISHING MEDIA:	
<input checked="" type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> DRY CHEMICAL	
<input type="checkbox"/> OTHER	

## 13. SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT

Addition of water to burning fuel may reduce the intensity of the flame.

## 14. UNUSUAL FIRE AND EXPLOSION HAZARDS

Burns readily with nearly invisible blue flame. Flammable vapor may spread away from spill. Container may explode in heat of fire.

## Section 5 REACTIVITY DATA

15.	NORMAL CONDITIONS	OK	16. CONDITIONS TO AVOID
STABILITY	FIRE CONDITIONS	OK	Keep away from open flame or spark. DO NOT smoke while using.
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		
<input type="checkbox"/> OTHER			

## 18. HAZARDOUS DECOMPOSITION PRODUCTS

Possibly CO and/or CO<sub>2</sub>.

19.	MAY OCCUR	20. CONDITIONS TO AVOID
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR	See 16 and 17.
	X	

(FRONT)

## Section 6 HEALTH HAZARD DATA Primary Route(s) of Entry: Skin, inhalation.

## 21. ORAL INGESTION

LDL<sub>0</sub> = 340 mg./kg. (human). Can lead to severe illness, blindness and perhaps death.

## 22. EYE CONTACT

May cause irritation and burning of eyes.

## 23. SKIN CONTACT

Mild irritant. Skin may become dry and cracked due to solvent action.

## 24. Carcinogenicity:

Contains no materials that are considered to be carcinogens by NTP, IARC or OSHA.

## 25. INHALATION (TLV OR SUGGESTED CONTROL FIGURE)

ACGIH: 200 ppm; 260 mg./M<sup>3</sup> (skin). Breathing vapors may cause drowsiness, nausea & vomiting.

## 26. EFFECTS OF OVEREXPOSURE

Dizziness; nausea; blurred vision. Prolonged exposure - comatose.

## 27. FIRST AID PROCEDURES

If swallowed, call doctor, hospital emergency room, or Poison Control Center immediately for instructions to induce vomiting. DO NOT use table salt solution. If available, use one tablespoonful (½ oz. of 15 ml.) of ipecac syrup for persons 1 year of age or older, plus at least one cup of water. Have patient lie down and keep warm. Cover eyes to exclude light. Inhalation - move victim to fresh air; seek medical attention. Eyes - flush with water for at least 15 minutes. Consult physician. Skin-wash with soap and water.

## Section 7 SPILL OR LEAK PROCEDURES

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

Remove ignition sources; wipe up with damp cloth. Larger spills should be diluted with water spray to reduce flammability and soaked up with noncombustible absorbent material.

## 29. DISPOSAL METHOD

In accordance with local, state and federal regulations for flammable water soluble wastes; incineration.

## Section 8 SPECIAL PROTECTION INFORMATION

30. VENTILATION	LOCAL EXHAUST Should not be used in a closed room.	SPECIAL N.A.
	MECHANICAL (General) Forced ventilation should be used in all rooms where spirit duplicating is performed.	OTHER

## 31. RESPIRATORY PROTECTION (Specify Type)

See #30.

## 32. PROTECTIVE CLOTHING

Wear impervious gloves to prevent prolonged or repeated skin contact.

## 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

Splash goggles when refilling machine.

## 34. OTHER PROTECTIVE EQUIPMENT

None.

## Section 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

## 35. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid spilling the material. DO NOT use the fluid as a clean-up solvent. Store out of reach of children. Keep away from heat, sparks and fire. DO NOT leave container open.

## 36. OTHER PRECAUTIONS

Use with adequate ventilation.  
Avoid prolonged or repeated skin contact.