

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements

U.S. Department of Labor  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form-Approved  
 OMB No. 1218.0072

IDENTITY (As Used on Label and List) Castex Spot N Blot	1812	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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**Section I**

Manufactured for: Castex Industries, Inc.	Emergency Telephone Number 312-523-8320
Address (Number, Street, City, State, and ZIP Code) 4240 Blue Star Hwy.	Telephone Number for Information 312-523-8320
Holland, MI 49423	Date Prepared June 23, 1988
	Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Ammonia	7664-41-7		50ppm		< 1%
Isopropyl Alcohol	67-63-0		400ppm		< 10%

MS DS  
 SENT TO  
 SAFETY OFFICER  
 DATE 12/21/88

**Section III—Physical/Chemical Characteristics**

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.01
Vapor Pressure (mm Hg.)	Unknown	Melting Point	n.a.
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)	Unknown
Solubility in Water	100%		
Appearance and Odor	Clear thin liquid, slight ammonia odor.		

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used)	None	Flammable Limits	n.a.	LEL	n.a.	UEL	n.a.
Extinguishing Media	n.a.						
Special Fire Fighting Procedures	n.a.						
Unusual Fire and Explosion Hazards	n.a.						

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) **None**

Hazardous Decomposition or By-products **None**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI—Health Hazard Data**

Routs(s) of Entry **Eyes**                      Inhalation?                      Skin?                      Ingestion?

Health Hazards (Acute and Chronic) **May cause eye irritation.**

Carcinogenicity: **None**                      NIP?                      IARC Monographs?                      OSHA Regulated?

Signs and Symptoms of Exposure **Eyes: burning.**

Medical Conditions Generally Aggravated by Exposure **Unknown**

Emergency and First Aid Procedures **In case of eye contact, flush with water for 10 minutes.**

**If irritation persists, call physician.**

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled **Mop up, rinse with water.**

Waste Disposal Method **Flush into sanitary sewer system. Check with Federal, Local and State regulations.**

Precautions to Be Taken in Handling and Storing **Keep out of the reach of children.**

Other Precautions **None**

**Section VIII—Control Measures**

Respiratory Protection (Specific Type) **None**

Ventilation	Local Exhaust	<b>n.a.</b>	Special	<b>n.a.</b>
	<b>n.a.</b>	Mechanical (General)	<b>n.a.</b>	Other

Protective Gloves **n.a.**                      Eye Protection **Optional**

Other Protective Clothing or Equipment **None**

Work/Hygienic Practices **No other special procedures.**