



SBORO ELEMENTARY SCHOOLS

 215 S.E. 5th Ave.
 HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET

CM 0115

 IDENTITY (As Used on Label and List)
 VANDALEX 24; 20

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.

Section I

Manufacturer's Name

Hysan Corporation

Emergency Telephone Number

312/523-1010

Address (Number, Street, City, State, and ZIP Code)

4309 S. Morgan St.

Telephone Number for Information

312/376-8981

Chicago, IL 60609

Date Prepared

2/6/87

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Methyl Benzene	200 ppm	100 ppm	N.E.	20-50
C.A.S. No. 108-88-3				
2-Propanol	400 ppm	400 ppm	N.E.	20-50
C.A.S. No. 67-63-0				
2-Butanone	200 ppm	200 ppm	N.E.	5-10
C.A.S. No. 78-93-3				
1,1,1-Trichloroethane	350 ppm	350 ppm	N.E.	5-10
C.A.S. No. 71-55-6				
1,2-Ethanediol	N.E.	C 50 ppm	N.E.	1-5
C.A.S. No. 107-21-1				
Propellant: Carbon Dioxide	5000 ppm	5000 ppm	N.E.	1-5
C.A.S. No. 124-38-9				

Section III — Physical/Chemical Characteristics

(ON CONCENTRATE)

Boiling Point	IBP	165°F	Specific Gravity (H ₂ O = 1)	0.89
Vapor Pressure (mm Hg.)		41	Melting Point	N.A.
Vapor Density (AIR = 1)		> 1	Evaporation Rate (Butyl Acetate = 1)	> 1

Solubility in Water

Negligible

Appearance and Odor

Clear, thin liquid having an aromatic odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	37°F T.C.C. (On Conc.)	Flammable Limits	LEL 2	UEL 12
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Extinguishing Media

Water Fog, CO₂, Foam or Dry Chemical

Special Fire Fighting Procedures

 Keep containers cool. Use shielding to protect personnel against
 bursting, rupturing or venting containers.

Unusual Fire and Exposure Hazards

 At elevated temperatures (over 130°F) containers may vent,
 rupture or burst.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	Avoid heating to abnormal temperatures.
	Stable	X		

Incompatibility (Materials to Avoid) Avoid strong oxidizing agents.

Hazardous Decomposition or Byproducts

HCl, oxides of carbon & minute traces of phosgene formed upon combustion.

Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Health Hazards (Acute and Chronic) Ingestion - Harmful or fatal if swallowed. Aspiration of liquid may cause chemical pneumonitis. May cause CNS depression. Eye & skin irritant.						
Inhalation - May cause irritation and CNS depression & excitation. May cause liver or kidney injury.						
Carcinogenicity:	NTP?	No	IARC Monographs?	No	OSHA Regulated?	No

Signs and Symptoms of Exposure Odor, irritation, headache, nausea, etc.

Medical Conditions Generally Aggravated by Exposure Liver, kidney or blood diseases.

Emergency and First Aid Procedures
Eyes - Flush with water. Call physician. Skin - Wash with soap & water. Inhalation - Remove to fresh air. Ingestion - Do not induce vomiting. Call physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled Remove sources of flame, spark or heat. Provide adequate ventilation. Wear protective clothing. Wipe up spills then wash with a cleaner. Floors may be slippery; use caution to avoid falls.

Waste Disposal Method Do not puncture or incinerate containers. Replace cap and discard in trash.

Precautions to Be Taken in Handling and Storing
Danger - Flammable. Vapors harmful. Keep out of reach of children. Contents under pressure. Irritant to eyes. Do not store where temperatures may exceed 130°F. Avoid breathing vapors or contact with eyes or skin. Use only as directed; intentional misuse by deliberately concentrating and inhaling can contents may be harmful or fatal. Read entire label before using.

Section VIII — Control Measures

Respiratory Protection (Specify Type)				None Required	
Ventilation	Local Exhaust	Hood or Fan		Special	N.A.
	Mechanical (General)	Maintain Adequate Ventilation		Other	N.A.
Protective Gloves		Rubber or Plastic		Eye Protection	Safety Glasses
Other Protective Clothing or Equipment				None Required	
Work/Hygienic Practices				N.A.	