

Revised
October 1985

MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSB-00S-4)

NPVLA 6-70
81902

Section I

MANUFACTURER'S NAME Hysan Corporation	
STREET ADDRESS 919 West 38th Street	
CITY, STATE, AND ZIP CODE Chicago, IL 60609	
EMERGENCY TELEPHONE NO. 312/376-8900	
CHEMICAL NAME AND SYNONYMS N.A.	TRADE NAME POP UP CHEWING GUM REMOVER
CHEMICAL FAMILY Refrigerant	FORMULA N.A.

Section II — HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS

INGREDIENTS	%	TLV (Units)	SOLVENTS	%	TLV (Units)	
INITIATOR						
CATALYST			ADDITIVES			
ADJUVANT			OTHERS			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					%	TLV (Units)
Propellant: Trichlorofluoromethane			C.A.S. No. 75-69-4	> 1	1000ppm	
Propellant: Dichlorodifluoromethane			C.A.S. No. 75-71-8	> 1	1000ppm	

Section III — PHYSICAL DATA

BOILING POINT (°F.)	-20°F	SPECIFIC GRAVITY (H ₂ O=1)	1.36
VAPOR PRESSURE (mm Hg) @ 70°F	66 psia	PERCENT VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (AIR=1)	4.3	EVAPORATION RATE (D.A.C.E.L.=1)	> 310
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Colorless liquid, slight ethereal odor.		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) None	FLAMMABLE LIMITS N.A.	Lel	Uel
EXTINGUISHING MEDIA N.A.			

SPECIAL FIRE FIGHTING PROCEDURES Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS At elevated temperatures (over 130°F) containers may vent, rupture or burst.

Section V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 1000 ppm

EFFECTS OF OVEREXPOSURE Light-headedness, giddiness, shortness of breath, possible narcosis, possible cardiac arrhythmias at high concentrations. Contact with liquid will freeze tissues.

EMERGENCY AND FIRST AID PROCEDURES Inhalation: Remove to fresh air, call a physician. Do not give epinephrine or similar drugs. Skin or Eye contact: Flush with copious water; treat as for frostbite; call a physician.

Section VI - REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID Keep from heat or flame do not store at temperatures about 120°F.
	STABLE		

INCOMPATIBILITY (Materials to avoid) N.A.

HAZARDOUS DECOMPOSITION PRODUCTS Hydrochloric and hydrofluoric acids, oxides of carbon and minute traces of phosgene and chlorine formed upon combustion.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove sources of flame, spark or heat. Provide adequate ventilation.

WASTE DISPOSAL METHOD Do not puncture or incinerate containers. Give to a disposal service equipped to safely handle and dispose of pressurized containers.

Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Use air mask if large amounts are released.

VENTILATION	LOCAL EXHAUST Hood or Fan	SPECIAL	N.A.
	MECHANICAL (General) Maintain Adequate Ventilation	OTHER	N.A.

PROTECTIVE GLOVES Canvas Gloves	EYE PROTECTION Safety Glasses
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OTHER PROTECTIVE EQUIPMENT None Required

Section IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Caution: Do not drop. Contents under pressure. Do not expose to heat or store at temperatures above 120°F.

OTHER PRECAUTIONS Do not spray into eyes or mouth or any part of the body. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Do not puncture or incinerate container. KEEP OUT OF REACH OF CHILDREN. Read entire label before using.