

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER Cyclo, Silicone Spray (Heavy Duty), C33		PRODUCT IDENTIFICATION NUMBER (PIN) UN 1950	
PRODUCT USE Silicone Spray			
MANUFACTURER'S NAME NLS Products		SUPPLIER'S NAME Alltemp Products Co. Ltd	
STREET ADDRESS Box 790, 54 Anne St. Unit A		STREET ADDRESS 827 Brock Rd. South	
CITY Bobcaygeon	PROVINCE Ontario	CITY Pickering	PROVINCE Ontario
POSTAL CODE K0M 1A0	EMERGENCY TELEPHONE 1-800-752-7869 ext 10	POSTAL CODE L1W 3J2	EMERGENCY TELEPHONE NO. N/A

SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Heptane	50-70	142-82-5	Not Available	400 ppm/ OSHA PEL/ ACGIH TLV
Propane	20-40	74-98-6	Not Available	1000 ppm /OSHA PEL Asphyxiant / ACGIH TLV

SECTION 3 — PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Aerosol Product		ODOUR THRESHOLD (ppm) Not determined	
VAPOUR PRESSURE (mm Hg) Heptane: 40 @ Temp 72 Propane: 6350 @ Temp 68	VAPOUR DENSITY (AIR=1) Heavier than air	EVAPORATION RATE (N-Butyl Acetate=1): Not Determined	BOILING POINT (°C) -156 F (-104C)	FREEZING POINT (°C) Not determined
pH Not Applicable	SPECIFIC GRAVITY (H2O=1) 0.65	COEFF. WATER/OIL DIST. insoluble		

SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY YES Prolonged exposure to temperatures above 130EF may cause bursting., Sparks, open flame.		
MEANS OF EXTINCTION Foam, Carbon Dioxide, Dry Chemical, Water Fog.		
FLASHPOINT (°C) AND METHOD -156F (-104.3C) Estimated	UPPER FLAMMABLE LIMIT (% BY VOLUME) 9.5	LOWER FLAMMABLE LIMIT (% BY VOLUME) 1.2
AUTOIGNITION TEMPERATURE (°C) N/A	HAZARDOUS COMBUSTION PRODUCTS N/A	
EXPLOSION DATA Not Determined	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE Not Determined

SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY YES
INCOMPATIBILITY WITH OTHER SUBSTANCES YES Strong Oxidizing Agents
REACTIVITY, AND UNDER WHAT CONDITIONS : Open Flame, Storage above 120 F
HAZARDOUS DECOMPOSITION PRODUCTS: May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.

PRODUCT

IDENTIFIER Cyclo, Silicone Spray (Heavy Duty) , C33

SECTION 6 — TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Skin Contact: Contact may dry the skin. Prolonged contact may cause moderate irritation. Not easily absorbed. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis. Eye Contact: Liquid or vapor can cause moderate to severe irritation. Inhalation: Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination. Ingestion: Not a likely route of exposure. If swallowed, call a physician immediately.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known.

EXPOSURE LIMITS

N/A

IRRITANCY OF PRODUCT

N/A

SENSITIZATION TO PRODUCT

N/A

CARCINOGENICITY

N/A

TERATOGENICITY

N/A

REPRODUCTIVE TOXICITY

N/A

MUTAGENICITY

N/A

SYNERGISTIC PRODUCTS

N/A

SECTION 7 — PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)

Solvent resistant gloves required for prolonged or repeated contact.

RESPIRATOR (SPECIFY)

Sufficient to prevent inhalation of solvent vapors. Self contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

EYE (SPECIFY)

Safety glasses with splash guards or full face shield is recommended.

FOOTWEAR (SPECIFY)

None

CLOTHING (SPECIFY)

Use of solvent resistant aprons or other clothing is recommended.

OTHER (SPECIFY)

Use with adequate ventilation. Prevent vapor build-up. Open doors and windows or use an explosion proof exhaust fan to ensure fresh air exchange use and after use. Do not breathe vapor, gas or spray mist. When using don't eat, drink or smoke.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.) Local exhaust is recommended. Adequate ventilation to out of doors. In restricted areas use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood.

LEAK AND SPILL PROCEDURE

Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

WASTE DISPOSAL

Waste must be disposed of according to local, provincial and federal regulations

HANDLING PROCEDURES AND EQUIPMENT

Eye washes and safety showers in the workplace are recommended.

STORAGE REQUIREMENTS

Store and use in cool, dry, well-ventilated areas. Keep away from heat, sparks and open flame. Do not store above 120F. Do not puncture or incinerate cans. Do not stick pin, nail or any other sharp object into opening on top of can.

SPECIAL SHIPPING INFORMATION

Chemical Name (UN #)	Class	Subclass	Small Means of Containment	Waiver for Consumer Commodities
Propane (UN1978)	2.1	n/a	CAN/CGSB-43.123-M86	0.125

SECTION 8 — FIRST AID MEASURES

SPECIFIC MEASURES

Ingestion: Do not induce vomiting. Contact physician immediately.

Skin Contact: Wipe off with towel/. Wash with soap and water. Get medical attention if irritation persists.

Inhalation: Remove to fresh air. Administer oxygen if necessary. Apply artificial respiration if breathing has stopped. Get medical attention.

Eye Contact: Flush immediately with excess water for 15 minutes. Get medical attention.

SECTION 9 — PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)

PHONE NUMBER

DATE

Health and Safety Department

905-831-3311

04/10/07

