

MATERIAL SAFETY DATA SHEET

For Emergency Assistance
 Involving Chemicals Call CHEMTREC
 (800) 424-9300

WHMIS (Classification)
 CLASS D-2A: Material causing other
 toxic effects (VERY TOXIC).

****Section I. Chemical Product Identification****

Distributed by:
 Univar Canada Ltd.
 9800 Van Horne Way
 Richmond, BC
 V6X 1W5

Product Name	Dow Corning 37 Emulsion	Code	LA2208
		CAS#	Mixture.
Synonym	Not available.	DSL	On the DSL list.
Chemical Name	Not applicable.	CI#	Not available.
Chemical Family	Silicone emulsion		
Chemical Formula	Not applicable.		
Material Uses	Not available.		

****Section II. Composition and Information on Ingredients****

Name	CAS #	% by Weight	LC50/LD50
Ethylene tetrachloride	000127184	2	ORAL (LD50): Acute: 2629 mg/kg [Rat]. 8100 mg/kg [Mouse]. VAPOR (LC50): Acute: 7131.1 ppm 4 hour(s) [Rat].
2,6,8-Trimethyl-4-Nonyloxy polyethylene-oxyethanol	060828-78-6	2	ORAL (LD50): Acute: 5650 mg/kg [Rat].

****Section III. Hazards Identification****

Potential Acute Health Effects Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of eye contact (irritant), of ingestion.

Potential Chronic Health Effects CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH [Ethylene tetrachloride]. Classified 2A (Probable for human.) by IARC, 2 (Some evidence.) by NTP [Ethylene

tetrachloride].

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance is toxic to kidneys, liver.

Repeated or prolonged exposure to the substance can produce target organs damage.

****Section IV. First Aid Measures****

Eye Contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Hazardous Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Hazardous Inhalation	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention.
Hazardous Ingestion	Treat according to person's condition and specifics of exposure.

****Section V. Fire and Explosion Data****

The Product is: May be combustible at high temperature.

Auto-Ignition Temperature Not available.

Flash Points CLOSED CUP: 101.1°C (214°F).

Flammable Limits Not available.

Products of Combustion These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances in not available

Explosion Risks of explosion of the product in presence of mechanical

Hazards in impact: Not available.
Presence of Risks of explosion of the product in presence of static
Various discharge: Not available.
Substances

Fire Fighting SMALL FIRE: Use DRY chemical powder.
Media LARGE FIRE: Use water spray, fog or foam. DO NOT use
and Instructions water jet.

Special Remarks Self-contained breathing apparatus and protective clothing
on should be worn in fighting large fires involving chemicals.
Fire Hazards Determine the need to evacuate or isolate the area
according to your local emergency plan. Use water spray to
keep fire exposed containers cool.

Special Remarks Not available.
on Explosion
Hazards

****Section VI. Accidental Release Measures****

Small Spill Absorb with an inert material and put the spilled material
in an appropriate waste disposal. Clean area as
appropriate since some silicone materials, even in small
quantities, may present a slip hazard.

Large Spill Absorb with an inert material and put the spilled material
in an appropriate waste disposal. Prevent entry into
sewers, basements or confined areas; dike if needed. Clean
area as appropriate since some silicone materials, even in
small quantities, may present a slip hazard.

****Section VII. Handling and Storage****

Precautions Keep away from heat. Keep away from sources of ignition.
Empty containers pose a fire risk, evaporate the residue
under a fume hood. Ground all equipment containing
material. DO NOT ingest. Do not breathe gas, fumes, vapor
or spray. Avoid contact with skin. In case of
insufficient ventilation, wear suitable respiratory
equipment. If ingested, seek medical advice immediately
and show the container or the label. Keep away from
incompatibles such as oxidizing agents.

Storage Keep container tightly closed. Keep container in a cool,
well-ventilated area.

****Section VIII. Exposure Controls/Personal Protection****

Engineering Provide exhaust ventilation or other engineering controls
Controls to keep the airborne concentrations of vapors below their
respective threshold limit value. Ensure that eyewash
stations and safety showers are proximal to the
work-station location.

Personal Safety glasses. Gloves (Silver Shield(R). 4H(R).
Protection Teflon(R). Vitron(R)) In case of insufficient ventilation,
wear suitable respiratory equipment. Be sure to use a
MSHA/NIOSH approved respirator or equivalent.
Self-contained breathing apparatus (SCBA) or other
supplied-air respirator.

Personal Full face respirator. Gloves (impervious). Self-contained

Protection in breathing apparatus (SCBA) or other supplied-air Case of a Large respirator. Be sure to use a MSHA/NIOSH approved Spill respirator or equivalent.

Exposure Limits Ethylene tetrachloride
TWA: 25 STEL: 100 (ppm) from ACGIH (TLV) [United States]

Consult local authorities for acceptable exposure limits.

****Section IX. Physical and Chemical Properties****

Physical State and Appearance	Liquid.	Odor	Not available.
		Taste	Not available.
Molecular Weight	Not applicable.	Color	White.
pH (1% soln/water)	Not available.		
Boiling Point	>35°C (95°F)		
Melting Point	May start to solidify at -22.4°C (-8.3°F) based on data for: Ethylene tetrachloride.		
Critical Temperature	Not available.		
Specific Gravity	0.997 (Water = 1)		
Vapor Pressure	The highest known value is 1.7 kPa (@ 20°C) (Ethylene tetrachloride).		
Vapor Density	The highest known value is 5.72 (Air = 1) (Ethylene tetrachloride).		
Volatility	Not available.		
Odor Threshold	The highest known value is 4.6 ppm (Ethylene tetrachloride)		
Evaporation rate	Not available.		
Viscosity	Kinetic: 5 cS		
Water/Oil Dist. Coeff.	Not available.		
Ionicity (in Water)	Not available.		
Dispersion Properties	Not available.		
Solubility	Very slightly soluble in cold water.		

****Section X. Stability and Reactivity Data****

Stability	The product is stable.
Instability Temperature	Not available.

Conditions of Instability Not available.

Incompatibility with various substances Reactive with oxidizing agents.

Corrosivity Not available.

Special Remarks on Reactivity Hazardous Decomposition Products: silicon dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Nitrogen oxides. Chlorine compounds. Metal oxides. Sulfur oxides. Formaldehyde.

Special Remarks on Corrosivity Not available.

Hazardous Polymerization Will not occur.

****Section XI. Toxicological Information****

Routes of Entry Inhalation.

Toxicity to Animals Acute oral toxicity (LD50): 2629 mg/kg [Rat]. (Ethylene tetrachloride).

Chronic Effects on Humans CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH [Ethylene tetrachloride]. Classified 2A (Probable for human.) by IARC, 2 (Some evidence.) by NTP [Ethylene tetrachloride].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
The substance is toxic to kidneys, liver.
Repeated or prolonged exposure to the substance can produce target organs damage.

Other Toxic Effects on Humans Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of eye contact (irritant), of ingestion.

Special Remarks on Toxicity to Animals Not available.

Special Remarks on Chronic Effects on Humans Embryotoxic and/or foetotoxic in animal. Excreted in maternal milk in human. (Ethylene tetrachloride)

Special Remarks on Other Toxic Effects on Humans Repeated ingestion or swallowing large amounts may injure internally.

****Section XII. Ecological Information****

Ecotoxicity Not available.

BOD5 and COD Not available.

Products of Biodegradation Not available.

Toxicity of the Products of Biodegradation Not available.

Special Remarks on the Products of Biodegradation Not available.

****Section XIII. Disposal Considerations****

Waste Disposal Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

****Section XIV. Transport Information****

TDG Classification Not controlled under TDG (Canada).

Shipping name Not applicable.

PIN Not applicable.

Packing Group Not applicable.

Special Provisions for Transport No additional remark.

****Section XV. Other Regulatory Information****

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

****Section XVI. Other Information****

References -Manufacturer's Material Safety Data Sheet.

Other Special Considerations Not available.

Validated by Hardev Bendick on 1/9/2001. Verified by Hardev Bendick.

Tel. number for non-emergency questions concerning MSDS: 1-866-686-4827

Notice to Reader

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===== END OF MSDS =====