



MATERIAL SAFETY DATA SHEET
CVL Leather, carpet, vinyl paint

Canutec 1-613-996-6666 (24 hours)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification : CVL XXXX
Product name : Leather, carpet, vinyl paint
Chemical family : Mixture
Supplier / Manufacturer : Auto-Chem Inc.
33 de Lyon
Repentigny, QC, Canada
J5Z 4Z3
Tel : 450-654-9292
Fax : 450-654-0633
www.autochem.com
Contact : Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS</u>	<u>Percentage</u>	<u>Exposure limits</u>
Ethyl acetate	141-78-6	10 – 30	LD50 4935 mg/kg, rabbit, oral LD50 17962 mg/kg, rabbit, dermal LC50 45000 mg/m3, mouse TLV TWA 400 ppm, ACGIH PEL TWA 400 ppm, OSHA
Ethyl benzene	100-41-4	0.1 – 1.0	LD50 35 mg/kg, rat, oral LD50 20574 mg/kg, rabbit, dermal LC50 17623 mg/m3, rat TLV TWA 100 ppm, ACGIH TLV STEL 125 ppm, ACGIH PEL TWA 100 ppm, OSHA PEL STEL 125 ppm, OSHA
1-méthyl-2-pyrrolidone	872-50-4	< 1.5	LD50 3914 mg/kg, rat, oral LD50 8000 mg/kg, rabbit, dermal LC50 >5100 mg/m3, 4 hrs, rat
Titanium dioxide	13463-67-7	≤ 5	LD50 >24000 mg/kg, rat, oral LC50 > 6820 mg/kg, rat TLV TWA 10 mg/m3, ACGIH
Vinyl resin	9003-22-9	≤ 5	No data
Xylène	1330-20-7	1 – 5	LD50 4300 mg/kg, rat, oral LD50 1700 mg/kg, rabbit, dermal LC50 18892 mg/m3, rat TLV TWA 100 ppm, ACGIH TLV STEL 150 ppm, ACGIH TLV TWA 100 ppm, OSHA TLV STEL 150 ppm, OSHA
Dimethylether	115-10-6	30 – 60	LC50 16.4 %, 4hrs TLV TWA 1000 ppm, ACGIH TLV STEL 1000 ppm, ACGIH
Methylethylketone	78-93-3	10 – 30	LD50 2737 mg/kg, rat, oral LD50 6480 mg/kg, rat, dermal LC50 23500 mg/m3, rat TLV TWA 200 ppm, ACGIH

Methylisobutyleneketone	108-10-1	1 – 5	TLV STEL 300 ppm, ACGIH PEL TWA 200 ppm, OSHA LD50 3200 mg/kg, rat, oral LC50 32100 mg/m3, 4hrs, mouse male TLV TWA 50 ppm, ACGIH TLV STEL 75 ppm, ACGIH PEL TWA 100 ppm, OSHA
Amorphous silica	112926-00-8	≤ 1	LD50 >10000 mg/kg, rat, oral LC50 >139 mg/m3, rat TLV TWA 10 mg/m3, ACGIH
Toluene	108-88-3	≤ 5	LD50 636 mg/kg, rat, oral LD50 14124 mg/kg, rabbit, dermal LC50 7523 mg/m3, mouse TLV TWA 20 ppm, ACGIH PEL TWA 50 ppm, OSHA
Glycoletheracetate	108-65-6	≤ 1	LD50 8500 mg/kg, rat, oral LD50 5000 mg/kg, rat, dermal LC50 5321 mg/m3, rat
Carbon black	1333-86-4	≤ 1.5	LD50 >15400 mg/kg, rat, oral LD50 >3000 mg/kg, rabbit, dermal TLV TWA 3.5 mg/m3, ACGIH PEL TWA 3.5 mg/m3, OSHA
Butylbenzylphthalate	85-68-7	≤ 1	TLV TWA 5 mg/m3, ACGIH PEL TWA 5 mg/m3, OSHA

3. HAZARDS IDENTIFICATION

Potential acute health effects :

- Eye contact : Direct contact with the eyes can cause temporary discomfort with slight reddening and dryness.
- Skin contact : Causes skin irritation. Liquid contact with the skin may cause frostbite.
- Inhalation : Exposition to high vapour concentration can cause an irritation of the respiratory system, headaches, dizziness, nausea, loss of coordination, fatigue and loss of consciousness.
- Ingestion : Irritation of the upper gastro-intestinal tract. Product can cause nausea, headaches, dizziness, fatigue and a depression of the central nervous system.

Potential chronic health effects :

- Eye contact : None known.
- Skin contact : Prolonged contact may cause chemical burns.
- Inhalation : Solvent abusers exposed to high doses of aromatic solvents show signs of hearing loss as well as damage to the brain, liver and kidney. Excessive exposure during pregnancy may be hazardous to the developing foetus.
- Ingestion : None known.

4. FIRST AID MEASURES

- Eyes : Flush immediately with water 15 to 20 minutes keeping the eyelids open. Remove contact lenses. Obtain medical attention.
- Skin : Flush affected skin with gently flowing water for 20 to 60 minutes and remove contaminated clothing while rinsing. Wash contaminated skin with mild soap and water for 15 minutes. Get medical attention if irritation persists.

- Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.
- Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. In case of respiratory or cardiac arrest, start cardio-pulmonary resuscitation and obtain medical attention.

5. FIRE FIGHTING MEASURES

- Flash point : 5.5 C
- Auto-ignition temperature : Not determined
- Flammability limits – air (%) : LEL : 0.9 UEL : 10.2
- Extinguishing media : Carbon dioxide (CO₂), alcohol foam, dry chemical powder or water spray, according to the nature of the fire. Dry chemical powder or water can be used to cool containers. Do not use water except as a fog.
- Protective equipment : Fire fighters should wear full protective clothing, including self contained breathing equipment.
- Hazardous combustion materials : Carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

- Small spill : Flammable liquid. Eliminate all ignition sources. Isolate spill and stop leak where safe. Try to work upwind of spill. Avoid direct contact with the material. Saturated clothing should be immediately removed to avoid flammability hazard. Wear appropriate breathing apparatus (if applicable) and protective clothing. Dike and contain land spills; contain water spills by booming. Use water fog to knock down vapours, contain runoff.
- Large spill : Flammable liquid. Eliminate all ignition sources. Prevent entry into sewers or streams. Dike if needed. Remove by mechanical means and place in appropriate containers for disposal. Use absorbent materials. Flush area with water to remove trace residue.

7. HANDLING AND STORAGE

- Handling : Pressurized flammable liquid. Do not vaporize toward naked flames or heat sources. Protect from direct sunlight and do not expose to temperatures higher than 502 C. Do not cut, drill, grind, weld or perform similar operations on or near containers. Fixed equipment as well as transfer containers and equipment should be grounded to prevent accumulation of static charge. Hot surfaces may be sufficient to ignite liquid in the absence of sparks or flames. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapours are gone. Do not pressurize drum containers to empty them. Avoid breathing vapours and prolonged or repeated contact with skin. Launder contaminated clothing prior to reuse. Use good personal hygiene. Air-dry contaminated clothing in a well ventilated area before laundering.
- Storage : Store in a cool, dry, well ventilated area, away from heat and ignition sources. Prevent exposure to direct sunlight. Use explosion proof ventilation to prevent vapour accumulation.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : Mechanical ventilation is recommended for all indoor situations to control fugitive emissions. Electrical and mechanical equipment should be explosion proof. For personnel entry into confined spaces, a proper procedure must be followed including ventilation and testing of tank atmosphere.

Personal protection equipment :

Eye : Chemical safety goggles and /or full face shield to protect eyes and face, if product is handled such that it could be splashed into eyes.
Skin : In confined spaces or where the risk of skin exposure is much higher, impervious clothing should be worn.
Gloves : Impervious gloves, Viton gloves, polyvinyl alcohol gloves.
Inhalation : If exposure exceeds occupational exposure limits, use appropriate NIOSH-approved respirator. Use a NIOSH-approved chemical cartridge respirator with organic vapour cartridges or use a NIOSH-approved supplied-air respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Pressurized liquid.
Coulour : Varied.
Odour : Solvent
pH @ 1% : Not available
Relative density (g/cm3) : 0.778
Boiling point : - Not available
Freezing point : Not available
Vapour pressure : Not available
Solubility (water) : Not soluble
VOC (%) : Not available
Viscosity : Not available

10. STABILITY AND REACTIVITY

Chemical stability : Stable.
Hazardous polymerization : No.
Conditions to avoid : Avoid excessive heat, open flames and all ignition sources.
Materials to avoid : Strong acids, strong alkalis, strong oxidants.
Dangerous decomposition products : Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

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Potential chronic health effects :

Carcinogenicity : One or several ingredients are classified by IARC as carcinogen or possible carcinogen to humans.
Reproductive toxicity : No data.
Teratogenicity : No data.
Embryotoxicity : Toluene is fetotoxic in rats and mice at maternally toxic levels.
Mutagenicity : No data.

12. ECOLOGICAL INFORMATION

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or public waterways. Block off drains and ditches. Spill areas must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste disposal method : Dispose according to municipal, provincial and federal regulations.
Contaminated packaging : According to municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Regulatory Information	Shipping name	UN	Class	PG
Classification TDG	Aerosol, flammable	1950	2.1	II

15. REGULATORY INFORMATION

WHIMS : A Compressed gases.
B5 Flammable aerosol.
D2B Materials causing other toxic effects.

DSL : All components of this product are either on the Domestic Substance List (DSL), the Non-Domestic Substance List (NDSL) or exempt.

TSCA : U.S. TSCA Inventory Status : All components of this product are either on the Toxic Substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

Prepared by : Auto-Chem Inc.

Date : Sept. 2015

Notice to reader :

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