

Safety data sheet

55-9190 Velvet Silvr II

Revision date : 2008/03/27
Version: 1.0

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(30418185/MDS_GEN_CA/EN)

1. Substance/preparation and company identification

Company
BASF CANADA
100 Milverton Drive
Mississauga, ON L5R 4H1

24 Hour Emergency Response Information
CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE (800) 454-COPE (2673)

Chemical family: paints

2. Hazardous ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
67-64-1	>= 0.1 - <= 1.0 %	acetone
95-63-6	>= 1.0 - <= 5.0 %	1,2,4-trimethylbenzene
100-41-4	>= 1.0 - <= 5.0 %	ethylbenzene
108-10-1	>= 7.0 - <= 13.0 %	4-methylpentan-2-one
108-65-6	>= 3.0 - <= 7.0 %	1-methoxy-2-propylacetate
123-86-4	>= 40.0 - <= 70.0 %	n-Butyl acetate
763-69-9	>= 3.0 - <= 7.0 %	Propanoic acid, 3-ethoxy-, ethyl ester
1330-20-7	>= 5.0 - <= 10.0 %	Xylene

3. Hazard identification

Emergency overview

FLAMMABLE. IRRITANT. Skin and/or eye irritant
Contains a suspect carcinogen.
Contains a suspect teratogen.

Potential health effects

Solvents are absorbed through the skin.

Acute toxicity:

Harmful if swallowed. Virtually nontoxic after a single skin contact. Vapours have a suffocating effect. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Aspiration may result in chemical pneumonitis, which may be fatal.

Irritation:

Irritating to eyes. Irritating to skin. Ingestion may cause irritation of the gastrointestinal tract.

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4. First-aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If on skin:

Wash affected areas with water for at least 15 minutes. If irritation develops, seek medical attention.

If in eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. Seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting due to aspiration hazard. Immediate medical attention required.

5. Fire-fighting measures

Flash point: 22.78 °C (ASTM D3278)

Suitable extinguishing media:

dry extinguishing media, carbon dioxide, foam

Unsuitable extinguishing media for safety reasons:

water spray

Hazards during fire-fighting:

Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Do not flood burning material with water due to potential spreading of fire. Contain contaminated water/firefighting water. Run-off water from fire may cause pollution. Notify proper authorities.

6. Accidental release measures

Personal precautions:

Extinguish sources of ignition nearby and downwind. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation. Avoid prolonged inhalation. Avoid contact with skin and eyes. Use antistatic tools.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

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Cleanup:

Dike spillage. Place into appropriately labeled waste containers. Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and storage

Handling

General advice:

Ensure adequate ventilation. Do not puncture, drop, or slide containers. Use static lines when mixing and transferring material. Handle and open container with care. Avoid contact with the skin, eyes and clothing. WARNING: Empty containers may still contain hazardous residue.

Protection against fire and explosion:

Use antistatic tools. Exhaust fans should be explosion proof. Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources. Sealed containers should be protected against heat as this results in pressure build-up. Risk of explosion if heated under confinement. Avoid all sources of ignition: heat, sparks, open flame.

Storage

General advice:

Keep container tightly closed. Protect from direct sunlight.

Storage incompatibility:

General: Segregate from incompatible substances. Segregate from oxidizing agents. Segregate from strong bases. Segregate from strong acids.

Storage stability:

Consult local fire marshal for storage requirements.

Temperature tolerance

Protect from temperatures above: 49 °C

8. Exposure controls and personal protection

Components with workplace control parameters

acetone	OSHA	PEL 1,000 ppm 2,400 mg/m ³ ;
	ACGIH	TWA value 500 ppm ; STEL value 750 ppm ;
1,2,4-trimethylbenzene	ACGIH	TWA value 25 ppm ;
ethylbenzene	OSHA	PEL 100 ppm 435 mg/m ³ ;
	ACGIH	TWA value 100 ppm ; STEL value 125 ppm ;
4-methylpentan-2-one	OSHA	PEL 100 ppm 410 mg/m ³ ;
	ACGIH	TWA value 50 ppm ; STEL value 75 ppm ;
n-Butyl acetate	OSHA	PEL 150 ppm 710 mg/m ³ ;
	ACGIH	TWA value 150 ppm ; STEL value 200 ppm ;
Xylene	OSHA	PEL 100 ppm 435 mg/m ³ ;
	ACGIH	TWA value 100 ppm ; STEL value 150 ppm ;

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination.

Hand protection:

Chemical resistant protective gloves

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Eye protection:

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Contact lenses should not be worn. Remove contaminated clothing. Contaminated equipment or clothing should be cleaned after each use or disposed of. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and chemical properties

Form:	liquid	
Odour:	aromatic	
Odour threshold:	No data available.	
Colour:	metallic	
pH value:		Not applicable
Boiling range:		Not applicable
Relative density:	0.8800	(20 °C)

10. Stability and reactivity

Conditions to avoid:

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

Substances to avoid:

strong bases, strong oxidizing agents, oxidizing agents, strong acids

Hazardous reactions:

The product is chemically stable.

11. Toxicological information

Acute toxicity

Oral:

LD50/rat: $\geq 1,910.00000$ mg/kg

Dermal:

LD50/rabbit: $> 4,300.000000$ mg/kg

Chronic toxicity

Carcinogenicity:

Contains a suspect carcinogen.

Developmental toxicity/teratogenicity:

Information on: *Xylene*

A teratogenic potential cannot be excluded.

12. Ecological information

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Environmental toxicity

Other ecotoxicological advice:
Acutely toxic for aquatic organisms.

13. Disposal considerations

Waste disposal of substance:
Must be dumped or incinerated in accordance with local regulations.
The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste.
Do not discharge into drains/surface waters/groundwater.
Do not incinerate closed containers.

Container disposal:
WARNING: Empty containers may still contain hazardous residue.

14. Transport information

Land transport TDG

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT RELATED MATERIAL

Sea transport IMDG

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Marine pollutant: NO
Proper shipping name: PAINT RELATED MATERIAL

Air transport IATA/ICAO

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT RELATED MATERIAL

15. Regulatory information

Federal Regulations

Registration status:
DSL, CA released / listed

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WHMIS classification: B2: Flammable Liquid

D2A: Materials Causing Other Toxic Effects - Very toxic material

D2B: Materials Causing Other Toxic Effects - Toxic material



THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. Other information

Local contact information
BASF Canada Product Safety
safety_ecology_canada@basf.com

END OF DATA SHEET