

SECTION 1: Identification

1.1. Product identifier

Product name : Super Solvent

1.2. Recommended use and restrictions on use

Recommended use : Solvent

1.3. Supplier

Supplier

Satellite City Instant Glues
3130 Regional Parkway Unit B
Santa Rosa, CA 95403 - USA
T : 1-800-786-0062 (Mon-Fri, 9am to 5pm PT)

Distributor

1.4. Emergency telephone number

Emergency number : (860) 571-5100

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Flam. Liq. 3	H226
Acute Tox. 4 (Oral)	H302
Acute Tox. 4 (Inhalation:vapour)	H332
Carc. 2	H351
STOT RE 2	H373
PHNOC 1	PHNOC

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) :

- H226 - Flammable liquid and vapour
- H302+H332 - Harmful if swallowed or if inhaled
- H351 - Suspected of causing cancer
- H373 - May cause damage to organs through prolonged or repeated exposure
- PHNOC - May cause an explosion under conditions of shock and/or friction

Precautionary statements (GHS-CA) :

- P201 - Obtain special instructions before use
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P233 - Keep container tightly closed
- P240 - Ground/bond container and receiving equipment
- P241 - Use explosion-proof electrical/ventilating/lighting equipment
- P242 - Use only non-sparking tools
- P243 - Take action to prevent static discharges
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray
- P264 - Wash hands, forearms and face thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P271 - Use only outdoors or in a well-ventilated area
- P280 - Wear protective gloves/protective clothing/eye protection/face protection
- P308+P313 - IF exposed or concerned: Get medical advice/attention
- P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
- P330 - Rinse mouth
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 - Call a POISON CENTER or doctor if you feel unwell
- P403+P235 - Store in a well-ventilated place. Keep cool
- P405 - Store locked up
- P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : Super Solvent

Name	Product identifier	%
Nitromethane	(CAS-No.) 75-52-5	100

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash clothing before re-using. Get medical attention if irritation develops and persists.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : Harmful if inhaled. May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/effects after ingestion : Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

- Suitable extinguishing media : On small fires use carbon dioxide (CO₂), dry chemical (ABC) or water spray. Alcohol resistant foam. For large fire: Water spray or fog. Alcohol resistant foam.

5.2. Unsuitable extinguishing media

- Unsuitable extinguishing media : Sodium or potassium bicarbonate.

5.3. Specific hazards arising from the hazardous product

- Fire hazard : Flammable liquid and vapour. Products of combustion may include, and are not limited to: oxides of carbon.
- Explosion hazard : May form flammable/explosive vapour-air mixture. Containers may rupture on heating. Vapours may travel long distances along ground before igniting/flashing back to vapour source. May cause an explosion under conditions of shock and/or friction.

5.4. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Prevent runoff from entering water courses, sewers and basements. Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting devices or discolouration from tank.
- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Remove all sources of ignition.

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6.2. Methods and materials for containment and cleaning up

- For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Prevent further leakage or spillage. Keep away from drains, surface and ground-water and soil. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take action to prevent static discharges. Do not breathe dust, fume, gas, mist, spray, vapours. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.
- Hygiene measures : Wash contaminated clothing before reuse. Wash hands, forearms and face thoroughly after handling.
- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Nitromethane (75-52-5)		
USA - ACGIH	ACGIH TWA (ppm)	20 ppm

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Provide local exhaust or general room ventilation.

Hand protection:

Wear suitable gloves

Eye protection:

Safety glasses or goggles are recommended when using product.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Clear, colorless liquid
- Colour : Colourless
- Odour : Disagreeable, Fruity
- Odour threshold : < 200 ppm
- pH : 6.12 (0.01 M)
- Relative evaporation rate (butylacetate=1) : 1.39

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Relative evaporation rate (ether=1)	: No data available
Melting point	: -29 °C (-20 °F)
Freezing point	: -29 °C (-20 °F)
Boiling point	: 101 °C (Boiling Range: 213 °F)
Flash point	: 35 °C (95 °F) CC (closed cup)
Auto-ignition temperature	: 418 °C (784.4 °F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable liquid and vapour
Vapour pressure	: 27.8 mm Hg @ 20°C (68°F)
Vapour pressure at 50 °C	: No data available
Relative vapour density at 20 °C	: 2.11 (Air=1)
Relative density	: 1.139 (1=Water) @ 68°F (20°C)
Density	: 9.5 lb/gal
Solubility	: Ethyl alcohol. Ethyl ether. Dimethylformamide Water: 9.5 %
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: Lower explosive limit (LEL): 7.1 vol % Upper explosive limit (UEL): 63 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: May form flammable/explosive vapour-air mixture. Nitromethane is shock sensitive and thermally unstable (may decompose explosively above 599 °F/315 °C).
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Incompatible materials. Sources of ignition. Direct sunlight. It slowly corrodes some metal, including copper and steel (when wet).
Incompatible materials	: Strong oxidizing agents. Acids. Bases.
Hazardous decomposition products	: May release flammable gases. May include, and are not limited to: oxides of carbon, oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Vapour: Harmful if inhaled.

ATE CA (oral)	940 mg/kg bodyweight
ATE CA (vapours)	11 mg/l/4h

Nitromethane (75-52-5)	
LD50 oral rat	940 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 12.75 mg/l (Exposure time: 1 h)

Skin corrosion/irritation	: Not classified. pH: 6.12 (0.01 M)
Serious eye damage/irritation	: Not classified. pH: 6.12 (0.01 M)
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified.

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Symptoms/effects after inhalation	: Harmful if inhaled. May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Nitromethane (75-52-5)

LC50 fish 1	< 278 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
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12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Low bioaccumulation potential.
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Nitromethane (75-52-5)

BCF fish 1	1.4
Partition coefficient n-octanol/water	-0.34 - 0.17

12.4. Mobility in soil

Nitromethane (75-52-5)

Partition coefficient n-octanol/water	-0.34 - 0.17
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12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional information : Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

UN-No. (TDG)	: UN1261
Packing group	: II
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
Transport document description	: UN1261 NITROMETHANE, 3, II
Proper Shipping Name (Transportation of Dangerous Goods)	: NITROMETHANE
Hazard labels (TDG)	:



14.2. Transport information/DOT

No additional information available

14.3. Air and sea transport

No additional information available

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SECTION 15: Regulatory information

15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

SECTION 16: Other information

Date of issue : 06/09/2017
Revision date : 06/09/2017
Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



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