

Safety Data Sheet SDC

1: IDENTIFICATION

- **Product identifier**
- **Trade name:** XCEL SDC Solvent Degreaser & Cleaner
- **Details of the supplier of the safety data sheet**
- **Supplier:** Xcel Building Products Inc.
81 Select Avenue, Scarborough, Ontario, M1V 4A9
T: 1-844-923-5776 F: 1-855-647-7494 E: info@xcelpro.co
- **Emergency telephone number:**
Xcel Building Products Inc. T: 1-844-923-5776

2: HAZARDS IDENTIFICATION

- **Classification of the substance or mixture**



- **Signal Word:** DANGER.
- **Hazard Statement:**
Extremely flammable aerosol. Pressurized container: may burst if heated. Contains gas under pressure; may explode if heated. May be harmful if inhaled, or get in contact with skin. May be harmful if swallowed. May cause drowsiness or dizziness. May cause damage to organs (Liver) through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.
- **Precautionary Statements:**
- **Prevention:**
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Wash skin thoroughly after handling.
- **Response:** IF INHALED OR SWALLOWED: Call a doctor, if you feel unwell.
- **Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F. Store in a well ventilated place.
- **Disposal:** Dispose of contents/ container in accordance with local/regional/national/international regulations.

2: HAZARDS IDENTIFICATION

Hazardous Ingredients	CAS #	Wt. %
Petroleum Naphtha	64742-89-8	60-100
Propane	74-98-6	10-30
Isobutane	75-28-5	5-10

4: FIRST AID MEASURES

- **Eye Contact:** Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs.
- **Skin Contact:** Remove contaminated clothing. Wash thoroughly with soap and lukewarm water. If irritation or redness develops, seek medical attention.
- **Ingestion:** Do not induce vomiting. If swallowed, get medical attention immediately.
- **Inhalation:** Move victim to fresh air. If breathing has stopped, give artificial respiration. If heartbeat absent, give external cardiac compression. Monitor breathing and pulse. If symptoms persist, call a physician.
- **Additional Information:** Note to the doctor; treat symptomatically.

(Contd. on page 2)

5: FIRE FIGHTING MEASURES

- **Flammability Class:** Extremely Flammable.
- **Conditions:** Excessive heat, sparks and open flame.
- **Fire and Explosion Hazards:** May decompose on contact with flames or extremely hot metal surfaces to produce toxic and corrosive products.
- **Extinguishing Media:** Use extinguishing media appropriate for the surrounding fire. Small Fire: Use Dry Chemical. Large Fire: Use water spray or fog.
- **Sensitivity to Mechanical Impact:** Not expected to be sensitive.
- **Sensitivity to Static Discharge:** Not expected to be sensitive.

6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08).
- **Emergency Procedures:** Spilled product is flammable. Ensure that all sources of ignition are eliminated near the spilled material. Wipe up with a damp cloth. Rinse the cloth thoroughly and allow to dry before laundering.
- **Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
- **Methods and Materials used for Containment:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

7: HANDLING AND STORAGE

- **Handling:** Do not breathe vapour or mist. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Keep away from heat, sparks, and open flames. Do not puncture, burn or incinerate. Do not place near sources of heat. Keep from freezing.
- **Storage:** Contents under pressure. The pressure in sealed containers can increase under the influence of heat. Keep container tightly closed in a dry, cool and well-ventilated place. Do not store in temperatures above 120°F (50°C). Store away from incompatible materials. Do not puncture or incinerate. **KEEP OUT OF REACH OF CHILDREN.**
- **Incompatibilities:** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
- **Methods and Materials used for Containment:** Segregate storage away from materials indicated in Section 10.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Eye/Type:** Safety glasses with side-shields.
- **Skin/Type:** Normally, no hand protection is required; however, prolonged or repeated contact with skin use chemical resistant gloves conforming to appropriate regulations. Observe the instructions regarding permeability and breakthrough time that are provided by the supplier of the gloves.
- **Respiratory/Type:** Avoid breathing dust/fume/gas/mist/vapors/spray. If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplier.
- **Engineering Controls:** Good general ventilation should be used. Ventilation rates should be matched to conditions. Use local exhaust ventilation to maintain airborne levels below the Threshold Limit Value.
- **Exposure Limits**

Ingredients	TWA	STEL	PEL	STEL	REL
Petroleum Naphtha	Not established	Not established	Not established	Not established	Not established
Propane	2,500 ppm	Not available	1,000 ppm	Not available	1,000 ppm
Isobutane	800 ppm	1000 ppm	800 ppm	Not available	800 ppm (TWA)

9: PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Aerosol.
- **Physical Appearance:** Colorless.
- **Odor:** Hydrocarbons.
- **Odor Threshold (ppm):** Not determined.
- **Specific Gravity (Liquid):** 0.760-0.820.
- **Specific Gravity (Aerosol):** 0.820-0.870.
- **Aerosol Vapour Pressure (psig, 21°C):** 90-110.
- **Vapour Density (Air=1):** > 1.
- **Evaporation Rate (n-Butyl Acetate = 1):** > 1.
- **pH:** Not applicable.
- **VOC Content:** 95-100 % wt.
- **Boiling Point liquid (°C):** 118-150°C (245-302°F).
- **Melting/Freezing Point (°C):** Not available.
- **Solubility in water:** Negligible.
- **Aerosol Flame Projection:** Not available .
- **Flashback:** No data .
- **Flash Point (°C), Method:** -4°C (25°F).
- **Auto Ignition Temperature (Propellant), °C:** 460 °C/860 °F.
- **Lower Flammable Limit (% Vol):** 1.0.
- **Upper Flammable Limit (% Vol):** 9.5.
- **Coefficient of Water/Oil Distribution:** Not available.
- **Viscosity:** Not available.

10: ACCIDENTAL RELEASE MEASURES

- **Reactivity Conditions:** Product not reactive under normal conditions of use.
- **Stability:** Stable under the recommended storage and handling conditions.
- **Hazardous Polymerization:** Will not occur.
- **Conditions to Avoid:** Avoid sources of heat and flame, and electrostatic charge.
- **Incompatibility:** Strong oxidizing agents.
- **Hazardous Products of Decomposition:** May form carbon dioxide and carbon monoxide, various hydrocarbons.

11: TOXICOLOGICAL INFORMATION

- **Route of Exposure:** Skin contact, Eye contact, Inhalation and Ingestion.
- **Effects of Acute Exposure:** May cause dermatitis, irritation to eyes, dizziness, and vomiting.
- **Effects of Chronic Exposure:** Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain. Prolong contact may defat and dry the skin, leading to discomfort and dermatitis.
- **Carcinogenicity of Material:** Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.
- **Reproductive Effects:** No information is available, and no adverse effects are expected.
- **Teratogenicity:** No information is available, and no adverse effects are expected.
- **Mutagenicity:** No information is available, and no adverse effects are expected.
- **Toxicological Data**

Ingredients	LC50	LD50
Petroleum Naphtha	3400 ppm (4 hrs - rat)	5000 mg/kg (rat - oral); 3160 mg/kg (rabbit - dermal)
Propane	>800,000 ppm (15 min,Inh.rat)	Not available
Isobutane	658 mg/L (4hrs, rat)	Not available

12: ECOLOGICAL INFORMATION

- **Ecotoxicological Information:** Petroleum Naphtha: Toxicity to fish: Not available; Toxicity to other aquatic invertebrates: Not available; Toxicity to algae: 4700 mg/L, 72 hrs.
- **Persistence and degradability:** Readily biodegradable .
- **Bioaccumulation Potential:** Has the potential to bioaccumulate .
- **Other Adverse Effects:** Harmful to aquatic life. May cause long-term adverse effects in the aquatic environment.

13: DISPOSAL CONSIDERATIONS

- **Appropriate Disposal Methods:** Dispose in accordance with local, provincial and federal regulations.

14: TRANSPORT INFORMATION

- **TDG (Canada- Road):** AEROSOLS, Class 2.1, UN1950.
- **DOT (US-Road):** AEROSOLS: Class 2.1, UN1950, LTD. QTY. OR ORM-D.
- **IMDG (International- Marine):** AEROSOLS, Class 2.1, UN1950.
- **IATA (International- Air):** AEROSOLS, Class 2.1, UN1950, LTD QTY.

15: REGULATORY INFORMATION

- **Canada:** CPR (Canadian Controlled Product Regulations): All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the CPR and this SDS contains all information required by CPR. IDL (Canadian Ingredient Disclosure List): Component(s) of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List (section 03). WHMIS Classification. A: Compressed gas. B5: Flammable Aerosol. D2B: Material causing other toxic Materials.
- **USA:** Environmental Protection Act: Constituents of this product are included on the TSCA inventory. OSHA (29CFR 1910.1200).

16: OTHER INFORMATION

- **Disclaimer:** The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS.
- **Abbreviations:** ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHIMIS: Workplace Hazardous Materials Information System.
- **Prepared by:** Regulatory Affairs
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