



Material Safety Data Sheet

XTEND-IT

MSDS No. 893

Date Of Preparation: March 25, 2013

Revision: 0008

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Xtend-IT

General Use: Inert Gas

Manufacturer: Smooth-On Inc., 2000 St. John St., Easton PA 18042
Phone (610) 252-5800, FAX (610) 252-6200

Emergency Contact: Chem-Tel
Domestic 800-255-3924
International 813-248-0585

Section 2- Hazards Identification

Not hazardous according to United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Council directive 1999/45/EC and its subsequent amendments.

HMIS	
H	1
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R	1

Section 3 - Composition / Information on Ingredients

No hazardous ingredients

Section 4 - First Aid Measures

Primary Entry Routes: Inhalation and Dermal

Target Organs: Central nervous System and Heart

Acute Effects

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness fatigue, nausea, headache, possible unconsciousness and even asphyxiation.

Eye: May cause irritation, redness, tearing, and blur vision.

Skin: Contact with liquid may cause frostbite. Prolonged or repeated contact can cause moderate dermatitis.

Ingestion: Ingestion is not considered a potential route of exposure

Carcinogenicity: IARC, NTP, and OSHA do not list XTend-It as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure:

Chronic Effects: No chronic health effects known.

Section 5 - Fire-Fighting Measures

Flammability Classification:

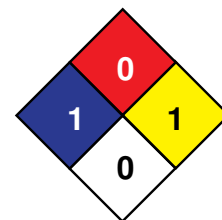
Gas is **not flammable** at ambient temperature and atmospheric pressure.

Extinguishing Media: Water Fog, Dry Chemical, and Carbon Dioxide Foam

Unusual Fire or Explosion Hazards: This material may become combustible when mixed with oxygen or air under pressure or air above atmospheric pressure. Containers may rupture or explode under fire conditions.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

NFPA



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Avoid breathing vapors. Evacuate area until vapor has been dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.
Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure, do not puncture or incinerate.
Storage Requirements: Store in cool dry, well-ventilated area away from all sources of ignition. Empty container may contain residues, which are hazardous. Do not store at temperature above 120°F.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standard EN 149; wear an MSHA/NIOSH or European Standard EN149 approved respirator.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.



Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Aerosol can
Appearance and Odor: Colorless Gas
Odor : Slight Ether
Vapor Pressure: 4963 mmHg @25°C
Vapor Density (Air=1): 3.60
Density: 10.2 lbs/gal (US)

Water Solubility: Negligible:
Boiling Point: -15°F
% Volatile: 100
VOC Content: 100 % by weight

Section 10 - Stability and Reactivity

Stability: X Tend-It is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur under normal storage and handling conditions.

Chemical Incompatibilities: Acids, Alkali, Alkaline Earth Metals, and Reducing Agents

Conditions to Avoid: Heat, Sparks, Welding Arcs,

Hazardous Decomposition Products: Hydrofluoric Acid and possibly Carbonyl Fluoride, Carbon Monoxide and Carbon Dioxide.

Section 11- Toxicological Information

None Established

Section 12 - Ecological Information

None Established

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 - Transport Information

DOT	IATA	IMDG
Shipping Name: 1,1,1,2 Tetrafluoroethane	Shipping Name: 1,1,1,2 Tetrafluoroethane	Shipping Name: 1,1,1,2 Tetrafluoroethane
UN #: 3159	UN #: 3159	UN #: 3159
Hazard Class: Class 2.2	Hazard Class: Class 2.2	Hazard Class: Class 2.2
Label: Not Required	Label: Non-Flammable Gas	Label: Non-Flammable Gas
No Shipping Papers Required Exemption DOT SP 10232		

Section 15 - Regulatory Information

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, and Z-1-A): Not listed

EPA Regulations:

CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112

SARA Toxic Chemical (40 CFR 372.65): Not listed

TSCA Inventory Status (40 CFR 710): All components of this product are listed on the TSCA inventory.

CANADA Regulations

WHMIS Identification: **Not controlled**

CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): **All are Listed**

Labeling according to EEC Directive

No special packaging or labeling requirements.

Section 16 - Other Information

Disclaimer: The information contained in this MSDS is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006/EEC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European Union (EU/EEC) directive 1907/2006/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives.