

SAFETY DATA SHEET (SDS)

UPHOLSTERY GUARD

SECTION 1: IDENTIFICATION

Product Name: Upholstery Guard
Product Use: Water and Stain Repellent
Product code(s): S-445UG

Supplier:
Sym-Tech Inc.
P.O. Box 430, Stn A
Scarborough ON
M1K 5C3
1-800-363-5796
Emergency Tel. 1-613-996-6666 CANUTEC for 24HR emergency information

SECTION 2: HAZARD(s) IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).
Classified according to the US Hazard Communication Standard (HCS 2012).

Classification of Substance of mixture: Category 2; Eye irritation – Category 2A
Flammable Liquid
LABEL ELEMENTS:
Signal Word Danger
Hazard Statements Harmful if swallowed or if inhaled. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Symbol



GHS Precautionary Statements:
Prevention

Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Keep only in original container. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: immediately call a POISON CENTER/doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Storage

Store in a dry place. Store in a closed container.

Disposal

Dispose of contents and container in accordance with local, regional, provincial, national and international regulations.

Other Hazards

May be a fire hazard in a confined space.

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
n-Heptane	142-82-5	60 – 80	
Fluorochemical Urethane	Trade Secret	3 – 10	

SECTION 4: FIRST-AID MEASURES

Inhalation:

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin:

Wash with plenty of water. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Get medical advice or attention if you feel unwell or are concerned.

Eyes:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion:

Immediately call a Poison Centre or doctor. Do not induce vomiting. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

First-aid Comments:

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

Inhalation:

If inhaled: small amounts can cause effects as described for inhalation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. If on skin: can cause effects as described for skin contact. If in eyes: small amounts may cause very

mild irritation. May cause modest to severe irritation. Symptoms include sore, red eyes, and tearing. If inhaled and/or swallowed: small amounts symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing and wheezing.

Immediate Medical Attention and Special Treatment

Target Organs:

Eyes, lungs, respiratory system.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.
Unsuitable Extinguishing Media: Water is not effective for extinguishing a fire. It may not cool product below its flash point.

Special hazards arising from the substance or mixture:

Flammable liquid and vapour. Can ignite at room temperature. Release vapour that can form explosive mixture with air. May travel a considerable distance to a source of ignition and flash back to a leak or open container. In a fire, the following hazardous materials may be generated: corrosive, flammable ammonia; very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-Fighters:

Fight fire from a safe distance or a protected location. Flammable or explosive atmosphere. Dike and recover contaminated water for appropriate disposal. Fight fire from a safe distance or a protected location.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel.

Environmental Precautions:

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Clean Up:

Contact emergency services and manufacturer/supplier for advice. Place used absorbent into suitable, covered, labelled containers for disposal. Ventilate the area to prevent the gas from accumulating, especially in confined spaces.

Other Information:

Contact supplier, local fire and emergency services for help. Report spills to local health, safety and environmental authorities, as required.

SECTION 7: HANDLING AND STORAGE

Storage:	Store in an area that is cool, well-ventilated, out of direct sunlight and away from heat and ignition sources.
Handling:	If used in a confined space: do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use. Do not use near welding operations or other high energy sources. Avoid heating that will increase the amount of vapours. Obtain special instructions before use. Do not breathe in this product. Prevent skin contact. Avoid repeated or prolonged skin contact. Do not get in eyes, on skin or on clothing. Only use when there is adequate ventilation. Avoid generating vapour or mists. Do not puncture or incinerate container even when empty. Do NOT smoke in work areas.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hrTWA	TWA
n-Heptane	400 ppm	500 ppm	500 mg/m ³			

Respiratory Protection:	Concentrated product: wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.
Skin Protection:	Concentrated product: wear chemical protective clothing e.g. gloves, aprons, boots.
Eye Protection:	Wear chemical safety goggles.
Engineering Controls:	Concentrated product: in a confined space: do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation and ensure, if necessary, to control amount in the air. Exhaust directly to the outside, taking any necessary precautions for environmental protection. Provide eyewash in work area, if contact or splash hazard exists. Provide safety shower in work area, if contact or splash hazard exists.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless liquid
Odor:	Aromatic
Odor Threshold:	Not available
pH:	Not available
Melting Point / Freezing Point:	Not applicable
Initial Boiling point and boiling range:	Not applicable
Flash Point:	-4°C (25°F) (closed cup))
Evaporation rate:	Not available

Flammability (solid, gas):	Flammable solid
Upper / Lower flammability or explosive limits:	6.7% (upper); 1.22% (lower)
Vapour Pressure:	90 mm Hg at 20°C
Vapour Density (air = 1):	>1
Relative Density (water = 1):	0.7 – 0.8
Solubility:	Practically insoluble in water
Partition Coefficient n-Octanol/Water (Log Kow):	Not available
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	Not available
Viscosity:	Not applicable (dynamic)
Physical State:	Liquid
Critical Temperature:	Not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Normally stable.
Reactivity:	Not reactive under normal conditions of use. Fire or projection hazard.
Possibility of Hazardous Reactions:	None expected under normal conditions of storage and use.
Materials to Avoid:	Oxidizing agents (e.g. peroxides), strong acids (e.g. Hydrochloric acid), and strong bases (e.g. sodium hydroxide).
Conditions to Avoid:	Sparks and open flames, static discharge, heat and other ignition sources. Accumulation of static charge. Freezing.
Hazardous Decomposition Products:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion.

Acute Toxicity:

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
N-Heptane	>5,000 mg/kg (rat)	Not Applicable	Not Applicable

Skin Corrosion: Human experience shows mild irritation. Symptoms include slight redness and swelling.

Serious Eye Damage/Irritation: Human experience shows serious eye irritation. May cause serious eye irritation based on information for closely related materials. Symptoms include sore, red eyes and tearing. The vapour also irritates the eyes.

STOT (Specific Target Organ Toxicity) – Single Exposure: **Inhalation:** Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

Skin Absorption: Symptoms may include redness, rash, swelling and itching.

Ingestion: Can cause effects as described for inhalation.

Aspiration Hazard:

May be drawn into the lungs (aspirated) if swallowed or vomited. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing and wheezing.

Carcinogenicity:

Not a carcinogen. Key to abbreviations; Group 3 = Not classified as its carcinogenicity to humans.

Reproductive Toxicity:

Development of Offspring: May harm the unborn child.

Sexual Function and Fertility: Not known to cause effects on sexual function or fertility. If inhaled: If inhaled and/or swallowed.

Effects on or via Lactation: No information was located.

Not mutagenic. No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOP Repeated Exposure, Respiratory and/or Skin Sensitization, Interactive Effects.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Information was not located.

Ecotoxicity: No information was located.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
n-Heptane	1.284 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)			4.338 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)

Persistence and degradability: No information was located

Bioaccumulative Potential: No information was located

Mobility in Soil: No information was located

Other adverse effects: This product contains volatile organic compounds

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:

Dispose of contents and container in accordance with local, regional, provincial, national and international regulations. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. Do not reuse containers. Dispose of or recycle empty containers through an approved waste management facility.

SECTION 14: TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1206	Heptane (solution)	Consumer Commodity	II

Environmental Hazards:

Not applicable

Special Precautions:

Please note: Read safety instructions, SDS and emergency procedures before handling.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC code:

Not applicable

Other Information:

In containers up to 1 litre – this is shipped as CONSUMER COMMODITY. If the shipment exceeds 500kg in weight, this is shipped as CONSUMERMCOMMODITY – HEPTANE SOLUTION 3.

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations:

This section is not required by WHMIS.

Toxic Substance Control Act (TSCA):

All components of this material are either listed or exempt from listing on the TCA inventory

Canada

WHMIS 1988 Classification:

B2 – Flammable Liquid

CEPA – National Pollutant Release

(n-Heptane)

Inventory(NPRI):

SECTION 16: PREPARATION AND OTHER INFORMATION

NFPA Rating:

Health – 1, Flammability – 3, Instability - 0

PREPARED BY:

WHMIS Committee

PHONE NUMBER:

1-800-363-5796

EMERGENCY:

This SDS is Registered with CANUTEC

EMERGENCY NUMBER:

For 24hr Information call 613-996-6666

PREPARATION DATE:

January 2021

EXPIRES:

January 2023

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