



SAFETY DATA SHEET (SDS)

WINDSHIELD NANO-COATING

SECTION 1: IDENTIFICATION

Product Name: Sharkskin Windshield Nano-Coating Sachets A & B
Product Use: Windshield Pre-Clean & Windshield Protection
Product Code(s): SS-WP101

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

LABEL ELEMENTS:
Signal Word

Danger

Symbol



SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Mixtures
Hazardous ingredients:

CAS: 67-63-0	Isopropanol Propanol-2	FR; R 11	%100
UN1219 PGII		Danger: 2.6/2	

Full text of each relevant R phrase can be found in heading 16

SECTION 4: FIRST-AID MEASURES

General Information:

Immediately take off all contaminated clothing and move victim to fresh air. Instruct person to keep calm and warm. Remove patient to fresh air. Administer approved oxygen supply if breathing is difficult. Administer artificial respiration or CPR if breathing has ceased. Call a physician.

Inhalation:

Section 4 Con'd

Eye Contact:	Immediately flush eyes with copious quantities of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Seek immediate medical attention.
Skin Contact:	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reusing. Discard contaminated leather articles such as shoes and belt.
Ingestion:	DO NOT induce vomiting. Guard against aspiration into lungs. Seek immediate medical attention. Never give anything by mouth to an unconscious or convulsing person. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus.
Advice to Doctor:	Symptoms: Dizziness. Headache. Nausea. Unconsciousness, dizziness, diarrhea, gastritis and central nervous system depression.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use dry chemical, carbon dioxide or alcohol-resistant foam. Water may be ineffective to extinguishing fires. Wear adequate personal protective equipment to prevent contact with material or its combustion products. Self-contained breathing apparatus with a full face piece operated demand or other positive pressure mode. Disperse vapors with water spray if they have not ignited. Cool containing vessels with flooding quantities or water.
Extinguishing media which must not be used for safety reasons:	High power water jet; water may be ineffective to extinguish fires.
Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases:	In fire may form: oxides or carbon
Special protective equipment for fire-fighters:	In case of fire: Wear self-contained breathing apparatus full protective suit.
Additional Information:	Flammable liquid. Vapours formed from this product may travel or be moved by air current and ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from handling point. Vapours forms explosive mixture with air. Contact with oxidizers may cause fire and/or explosion. Container explosion may occur under fire conditions or when heated. Not expected to be sensitive to mechanical impact. Sensitive

to static discharge. Emits toxic fumes under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Evacuate and ventilate the area. Eliminate all sources of ignition and ensure that all handling equipment is electrically grounded. Stay upwind; keep out low area. Dyke the area with sand or natural barrier. Absorb on sand or vermiculite and place in a closed container for disposal. Use non-sparking tools. Ventilate area and wash spill site after material pick up is complete. DO NOT touch spilled material.

Environmental Precautions:

DO NOT discharge into drains or rivers. Runoff may create fire or explosion hazard.

Methods and material for containment and clean up:

Absorb into dry earth or sand or vermiculite and place in a closed container for disposal by an appropriate method. Use non-sparking tools.

SECTION 7: HANDLING AND STORAGE

Storage:

Store in a cool place away from heated areas, sparks and flame. Store in a well ventilated area. Store away from incompatible materials. Do not add any other material to the container. Do not wash down the drain. Do not breathe gas/fumes/vapours/spray. In case of insufficient ventilation, wear suitable respiratory equipment. Keep container tightly closed and dry. Manipulate in a well ventilated area or under an adequate fume hood. Take precautionary measures against electrostatic discharges. Ground the container while dispensing. Ground all equipment containing material. Use only explosion proof equipment. Use non-sparking tools. Never use welding or cutting torch on or near containers (even if empty) because product (even just residue) can ignite explosively. Do not use pressure to dispense. Watch for accumulation in low confined areas. Empty containers may cause hazardous residue. In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

Handling:

Handle any open containers with care. Manipulate in a well ventilated area or under adequate fume hood. Take precautionary measures against electrostatic discharges. Ground the container while dispensing. Handle open containers with care. Take off all contaminated clothing immediately. This product must be manipulated by qualified personnel. Do not get in eyes, on skin, or on clothing. Wash well after use. In accordance with good

storage and handling practices. Do not allow smoking and food consumption while handling. Never use welding or cutting torch on or near feel unwell, seek medical advice immediately (shown the label when possible).

Further information on storage conditions:

Keep in a cool, well-ventilated place.

Storage class: (VCI):

B-2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits (EH40)**CAS No.:**

67-63-0

ml/m3:

-

Mg/m3:

400

F/ml:

-

Substance Isopropanol:

Category: TWA (8h) Origin: WEL

Category: STEL (15 min) Origin: WEL

Occupation Exposure Controls:

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. In the immediate working surroundings there must be: Emergency spray installed. Provide eye spray and label its location conspicuously.

Protective and hygiene measures:

It is recommended to organize all working processes so that the following can be ruled out: inhalation. skin contact. Eye contact. After work, wash hands and face.

Respiratory Protection:

Wear respiratory protection when in the presence of vapour, dust and aerosols.

Hand Protection:

Protect skin by using skin protection cream. Tested protective gloves are to be worn: Qualified materials: NBR (Nitrile rubber). Butyl rubber. FKM (Fluoroelastomer).

Eye Protection:

Tightly sealed safety goggles.

Skin Protection:

Lab apron.

Environmental exposure controls:

Refer to section 5 and 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless Liquid
Odor:	Alcoholic odour
pH value (@ 25°C):	unavailable
Boiling Point:	unavailable
Flash Point:	unavailable
Density (at 20°C):	unavailable
Viscosity/dynamic:	unavailable
Flow time:	unavailable

SECTION 10: STABILITY AND REACTIVITY

Materials to Avoid:	Oxidizing agents. Alkalis
Conditions to Avoid:	Keep only in original container at temperature not exceeding 30°C
Hazardous Decomposition Products:	No risks worthy of mention.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENT	% V/V	NO. CAS	TLV, ppm	CL50, ppm/4h	DL50, mg/kg	DL50, mg/kg
				RAT, INHAL	RAT, ORAL	RABBIT, SKIN
(1) Isopropanol	100	67-63-0	400	16,790	4,420	13.000

Further Information:

See protective measures under section 7 and 8.

SECTION 12: DISPOSAL CONSIDERATIONS

Waste disposal number of waste from residues/unused products:	080111 WASTES FROM THE MANUFACTURER, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMALS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances classified as hazardous waste.
Waste disposal number of used product::	080111 WASTES FROM THE MANUFACTURER, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMALS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances classified as hazardous waste.

Waste disposal number of contaminated packaging:	150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances classified as hazardous waste.
Contaminated packaging:	Completely emptied packaging can be re-cycled.

SECTION 14: TRANSPORT INFORMATION

UN Number:	UN1219
UN Proper Shipping Name:	ISOPROPANOL (ISOPROPYL ALCOHOL) (PROPAN-2-OL)
Transport Hazard:	Class 3
Packaging Group:	II
Environmentally Hazardous:	No
Marine Pollutant:	No
Special Precautions for User:	No special precautions. Tunnel code: D/E Transport category: 2

SECTION 15: REGULATORY INFORMATION

Labelling:	Danger symbol: B- flammable, 11 flammable 
S-Phrases:	2 Keep out of reach of children. 7 Keep container tightly closed. 13 Keep away from food, drink and any/all food and drink for animals. 26 In case of contact with eye, rinse immediately with plenty of water and seek medical advice. 46 If swallowed, seek medical advice immediately and show this container or label.
National regulations:	Water contamination class: 1 – slight water contamination.

SECTION 16: PREPARATION AND OTHER INFORMATION

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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