



GAP PROFESSIONAL PRODUCTS

Safety Data Sheet Total Shine

SECTION 1: Identification

1.1 Product identifier

Product name Total Shine Vinyl Protection

Product number 5502

1.3 Recommended use of the chemical and restrictions on use

Rubber vinyl conditioner/protectant

1.4 Supplier's details

Name GAP Professional Products
Address 122 Route 105
Keswick Ridge, NB E6L 1B1
Canada

Telephone (506) 363-9708
Fax (506) 363-4241
email info@gapauto.com

1.5 Emergency phone number(s)

For Medical or Transport Emergencies/
Pour les urgences médicales ou de transport
CANUTEC (24 Hours/Heures)
(613) 996-6666

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram

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1. Exclamation mark

Signal word

Warning

Hazard statement(s)

H315

H319

Causes skin irritation

Causes serious eye irritation

Precautionary statement(s)

P305+P351+P338

P321

P332+P313

P337+P313

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

Specific treatment (see ... on this label).

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Ethylene glycol (CAS no.: 107-21-1; EC no.: 203-473-3; Index no.: 603-027-00-1)	1 - 5 % (weight)
CLASSIFICATIONS: Acute toxicity, oral, Cat. 4; Specific target organ toxicity, repeated exposure, Cat. 2. HAZARDS: H302 - Harmful if swallowed; H373 - May cause damage to organs [organs] through prolonged or repeated exposure [route].	

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention
In case of skin contact	Rinse with plenty of water.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	DO NOT INDUCE VOMITING. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

SECTION 5: Fire-fighting measures

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5.1 Suitable extinguishing media

Product is not a fire hazard, but it's residue can burn, after water evaporates. In case of fire use water spray, carbon dioxide, alcohol type foam applied by manufactures recommended techniques. *See additional comments Keep containers cool with water spray using fog nozzles.

5.2 Specific hazards arising from the chemical

No specific fire or explosion hazard.
Ethylene glycol: No data available.

5.3 Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See Section 8 for recommended personal protective equipment.

6.3 Methods and materials for containment and cleaning up

LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent.
SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. material and place into containers for later disposal. Dispose in suitable waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Put on appropriate personal equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials(see Section 10) and food and drink. Do not store under freezing conditions or above 49 C (120 F). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Keep out of reach from children.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Ethylene glycol (CAS: 107-21-1 EC: 203-473-3)

PEL-C (Inhalation): 100 mg/m³; USA (ACGIH)

USA. ACGIH Threshold Limit Values (TLV)/ Eye & Upper Respiratory Tract irritation, Not classifiable as a human carcinogen

PEL-C (Inhalation): 100 mg/m³; USA (ACGIH)

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PEL-C (Inhalation): 100 mg/m³; USA (ACGIH)

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USA. ACGIH Threshold Limit Values (TLV)/ Upper Respiratory Tract irritation, Eye irritation, Adopted values or notations enclosed are those for which changes are proposed in the NIC, See Notice of Intended Changes (NIC), Not classifiable as a human carcin

PEL-C (Inhalation): 40 ppm

100 mg/m³; USA (Cal/OSHA)

California permissible exposure limits for chemical contaminants (Title 8, Article 107)

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Not mandatory but recommended. Always use caution when handling any chemical.

Skin protection

Not mandatory but recommended. Always use caution when handling any chemical.

Respiratory protection

None needed.

Environmental exposure controls

None known

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	White Liquid
Odor	Vanilla
Odor threshold	
pH	N/A
Melting point/freezing point	0C / 33F
Initial boiling point and boiling range	>212
Flash point	N/D
Evaporation rate	1 (water = 1)
Flammability (solid, gas)	
Upper/lower flammability limits	N/D
Vapor pressure	N/D
Vapor density	N/D
Relative density	N/A
Solubility(ies)	100% soluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	N/D
Decomposition temperature	
Viscosity	N/D
Explosive properties	N/A
Oxidizing properties	

SECTION 10: Stability and reactivity

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10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Will not occur.

10.5 Incompatible materials

Ethylene glycol: Strong acids, Strong oxidizing agents, Strong bases, Aldehydes, Aluminum

10.6 Hazardous decomposition products

Ethylene glycol: Hazardous decomposition products formed under fire conditions. - Carbon oxides

In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ethylene glycol

LD50 Oral - Rat - 4,700 mg/kg

Ethylene glycol

LD50 Skin - Rabbit - 10,626 mg/kg

Skin corrosion/irritation

Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Serious eye damage/irritation

Can cause severe irritation, redness, tearing, blurred vision.

Respiratory or skin sensitization

Breathing of dust or mist can cause mild to severe irritation of nasal or respiratory passage.

Germ cell mutagenicity

No data available

Carcinogenicity

Carcinogenicity: Ingredients not listed by OSHA, NTP, IARC.

STOT-single exposure

No data available

STOT-repeated exposure

No data available

SECTION 12: Ecological information

Toxicity

Ethylene glycol LC50 - Oncorhynchus mykiss (rainbow trout) - 18,500 mg/l - 96 h

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Ethylene glycol LC50 - Leuciscus idus (golden orfe) - >10,000 mg/l - 48 h

Ethylene glycol NOEC - Pimephales promelas (fathead minnow) - 32,000 mg/l - 7 d

Ethylene glycol NOEC - Pimephales promelas (fathead minnow) - 39,140 mg/l - 96 h

Ethylene glycol EC50 - Daphnia magna (water flea) - 74,000 mg/l - 24 h

Ethylene glycol NOEC - Daphnia magna (water flea) - 24,000 mg/l - 48 h

Ethylene glycol LC50 - Daphnia magna (water flea) - 41,000 mg/l - 48 h

SECTION 13: Disposal considerations

Disposal of the product

Dispose of accordance in local, and provincial regulations for biodegradable detergents.

SECTION 14: Transport information

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

CANADA

WHMIS (Canada): This product has been classified according to the hazard criteria of the HPR and the SDS contains all information required by the HPR.

Canadian Domestic Substances List (DSL)

SECTION 16: Other information

16.1 Further information/disclaimer

These SDS are written in an effort to provide information to the worker in the workplace and in such a way it can be understood. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

16.2 Preparation information

Prepared by: C. Gourley