

SECTION 1 – IDENTIFICATION

Product Name:  **SANITEN ECOLOGIC PAVING STONE SEALER PS1845 High Gloss / PS1875 Satin Gloss**

Product Use: Sealer for paving stone.

Non-recommended use(s): N/A

Manufacturer: **PROMA ADHESIVES INC**

Address: 9801 Parkway
Anjou, Québec, Canada, H1J 1P3

Telephone: 514-852-8585

E-mail: info@proma.ca

Web site: www.proma.ca

Emergency spills: CANUTEC: 613-996-6666 / Emergency contact number in Canada & USA

SECTION 2 – HAZARD(S) IDENTIFICATION

Hazard Classification: D-2B Eye and Skin irritant B3 Combustible Liquid

This product is a clear solvent based liquid. Contains petroleum naphtha (mineral spirits) and acrylics.

Signal words: CAUTION IRRITANT



Hazard Statements:

Eyes: Causes mild to moderate irritation.

Skin: May cause irritation.

Skin absorption: Prolonged or repeated exposure can cause irritation, drying and potential dermatitis.

Ingestion: Causes irritation, a burning sensation of the mouth and throat and abdominal pain.

Inhalation: Mist may cause mucous membrane irritation.

Other effects: Repeated exposure may cause central nervous system effects such as: headaches, dizziness, drowsiness, nausea, vomiting and incoordination.

Product under Health Canada rules for Consumer Chemicals and Containers Regulations 2001 of the Hazardous Products Act.

Combustible liquid

Prevention: MAY IRRITATE EYES MAY IRRITATE SKIN

Keep out of reach of children. Do not get in eyes. Do not get on skin or clothing. Do not drink. Do not breathe fumes. Keep away from flames or sparks.

Wearing of gloves, safety glasses and long sleeve clothing is recommended.

Emergency Overview: FIRST AID TREATMENT

Contains mineral spirits and acrylics. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting as product could be aspirated into lungs. Drink 3 to 4 glasses of water. If in eyes, rinse with water for 20 minutes with eye lids open. If on skin, rinse well with soap and water. If on clothes, remove clothes.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS#	Percent
Aliphatic naphtha solvent	64742-95-6	60 – 90

SECTION 4 – FIRST AID MEASURES

- Eye:** Immediately flush with warm running water for 20 minutes, holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.
- Skin:** Immediately flush exposed area with mild soap and water for at least 10 minutes. If irritation persists or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.
- Inhalation:** Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.
- Ingestion:** Do Not Induce Vomiting. If the person is fully conscious, rinse mouth with water and drink 3 to 4 glasses of tap water. Obtain medical attention immediately. Never give anything by mouth if the victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability: Combustible liquid.

Flash Point: > 38°C.

Auto-ignition Temperature: >507°C.

Sensitivity to static discharge: Expected to be sensitive when vapors are present between the lower and upper explosive point.

Sensitivity to Mechanical Impact: Probably not sensitive.

Extinguishing Media: Water fog and dry chemical.

Special Fire Fighting Procedures: Evacuate personnel towards a safe area. Cool containers with flooding quality of water. Avoid breathing decomposition vapors. Use self-contained breathing apparatus and full body protection.

Unusual Fire and Explosion Hazards: Direct water on hot containers may become a source of explosion and then flash back to the point of product discharge. Vapors are heavier than air and may travel to a source of ignition some distance away and then flash back to the point of product discharge.

Hazardous Decomposition and Combustion Products: Carbon oxides and irritating gases.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Including but not limiting: safety glasses, rubber or neoprene gloves and long sleeve clothing.

Keep people away from and upwind of spill and/or leak.

Material can create slippery conditions.

Environmental conditions

Prevent large spills from entering sewers or waterways.

Methods for cleaning-up

Observe all personal protection equipment recommendations. Ventilate area if odor is unaccommodating.

Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Small spills may be absorbed with non-reactive absorbent (e.g. sand, earth, litter absorbent) and placed in suitable, covered, labeled containers. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal.

SECTION 7 – HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not inhale vapors.

STIR WELL BEFORE USE

Storage

Keep Out Of Reach Of Children.

Storage temperature: 10 – 25°C (50 – 80°F)

Keep away from freezing. Product should be stored in a cool, dry place, away from sun light exposure and incompatible materials.

In optimal storage conditions, product shelf life in un-opened bottle is 2 – 3 years from production date.

In optimal storage conditions, product shelf life of remaining content once bottle was opened is a maximum of 2 years from production date.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Ingredients	Regulation	Value
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N/A

Exposure controls

Engineering controls: Usually adequate in the presence of local exhaust fans.

Other protective clothing or equipment: Eye bath, Safety shower, Full protective clothing.

Work Hygienic practices: The usual precaution for the handling of chemicals must be observed.

Individual protective measures

Eye protection: Wear safety glasses or full face shield.

Hand protection: Wear rubber or nitrile gloves.

Skin protection: Wear long sleeve clothing.

Respiratory protection: Normally not required in open air areas. Breathing mask with organic vapor filter is recommended if product is used where ventilation is inadequate or if application is on a large surface.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Clear

Odor: Aromatic

Solubility in water: Not Soluble

Flash point: > 38°C / 108°F

Boiling Point: 157°C - 202°C

Freezing point: N/A

PH: N/A

Density: 0.79 – 0.81 @ 15°C

Viscosity: > 30mm²/sec @ 25°C (Brookfield)

SECTION 10 – STABILITY AND REACTIVITY

Hazardous reactions: Stable in normal conditions.

Conditions to avoid: Avoid contact with sparks and direct flames.

Hazardous Polymerization: Will not occur.

Incompatible products: Fuel, mineral acids, reducing redox and strong alkalies.

Hazardous Decomposition or Combustion Products: Carbon oxides CO and CO₂ and nitrates

SECTION 11 – TOXICOLOGICAL INFORMATION

Prolonged / Repeated Exposure: No known effects

Eye: Is likely to cause irritation.

Skin: Is likely to cause irritation.

Inhalation: Is likely to cause respiratory irritation.

Ingestion: May cause central nervous system effects such as: headaches, dizziness, drowsiness, nausea, vomiting and incoordination.

Carcinogenicity: Non-Hazardous by WHMIS – OSHA criteria. Not listed by IARC, NTP or ACGIH.

Teratogenicity, Mutagenicity, Reproductive effects: No known effects.

Mineral spirits OMS

Toxicity - oral: LD₅₀ (rat) > 5000 mg/kg

Toxicity - dermal: N/A

Toxicity - inhalation: N/A

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: May be harmful for aquatic life.

Environmental Fate: No known food chain concentration potential. Potential danger for domestic and irrigation water supplies, lakes, streams, ponds and rivers.

Persistence and Biodegradability: Not readily biodegradable.

Bioaccumulative Potential: None water soluble and may affect adversely aquatic environment.

Other Adverse Effects: None known.

VOC Volatile Organic Compound: 90%

SECTION 13 – DISPOSAL CONSIDERATIONS

Review federal, provincial, state or local government requirements prior to disposal.

Environmental precautions:

CAUTION Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

SECTION 14 – TRANSPORT INFORMATION

UN Number: 1268

UN Proper shipping name: PETROLEUM DISTILLATES N.O.S. (Mineral spirit)

Hazard class: 3

Packing Group: III

Canadian T.D.G.: PETROLEUM DISTILLATES N.O.S. (Mineral spirit), Class 3, UN1268, PG III

Exemption: Not regulated in container size less than 450 litres (100 gallons US)

U.S. Department of Transportation (Road or rail): PETROLEUM DISTILLATES N.O.S. (Mineral spirit), Class 3, UN1268, PG III

Exemption: Not regulated in container size less than 450 litres (100 gallons US)

IATA Air Transportation: PETROLEUM DISTILLATES N.O.S. (Mineral spirit), Class 3, UN1268, PG III

Heated transportation required if needed. Keep from freezing.

Shipping containers:

Metal drums

Metal pails and bottles

SECTION 15 – REGULATORY INFORMATION

WHIMS Classification: D-2B Toxic (skin & eye irritant)

B-3 Combustible liquid

Environmental Regulations Lists:

All ingredients in this product are listed with the USA-EPA .

Toxic Substance Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory.

Canadian Non-Domestic Substance List (NDSL): All ingredients are listed.

SECTION 16 – OTHER INFORMATION

Date of preparation: August 27, 2016

Version: 1.0

Prepared by: PROMA ADHESIVES INC

Other Information Disclaimer:

As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. The user assumes all risk of use or handling whether or not in accordance with any directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against the seller being to require replacement or repair of defective goods.