



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name **POROUS SURFACE GRAFFITI ERASER**

Product use Graffiti removers.

Product code **Q149**

Date of issue **07/10/11** **Supersedes 07/10/08**

Emergency Telephone Numbers

For MSDS Information:
Technical Services Group
Telephone (780) 453-8100
(Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency
CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

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Section 2. Hazards Identification

Emergency overview

WARNING !

HARMFUL IF SWALLOWED.

Do not breathe vapor or mist. Do not ingest. Do not get in eyes or on skin or clothing. Contains material that may cause target organ damage, based on animal data. Wash thoroughly after handling.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact. Inhalation. Ingestion.

Eyes Severely irritating to eyes. Inflammation of the eye is characterized by redness, watering and itching.

Skin Corrosive to skin on contact. Skin contact may produce burns.

Inhalation Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.

Ingestion Harmful if swallowed.

Chronic effects

The substance is toxic to blood system, nervous system Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS number</u>	<u>% by Weight</u>
BENZYL ALCOHOL; alpha-hydroxytoluene; phenyl carbinol	100-51-6	30 - 60
SODIUM SILICATE; water glass	1344-09-8	5 - 10

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops. Clean shoes thoroughly before reuse. Wash clothing before reuse.

Inhalation If inhaled, remove to fresh air. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation if the material is toxic, infectious or corrosive. Get medical attention immediately.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Examine the lips and mouth to ascertain if the tissues are damaged, a possible indication that toxic material was ingested. The absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Non-flammable.

Flammable Limits Not available.

Flammability Non-combustible.

Auto-ignition Temperature

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst.

Products of Combustion Not available.

Explosion hazard Not available.

Section 6. Accidental Release Measures

Spill Clean up Small spill and leak: Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid. Large spill and leak: Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not allow water to enter container. Prevent entry into sewers, basements or confined areas. Dike if necessary. Neutralize with a dilute solution of boric or acetic acid.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Never add water to this product. Keep container dry. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Wash thoroughly after handling. Do not ingest.

Storage Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep away from incompatibles. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name

Sodium Silicate

Exposure limits

Supplier Suggested (United States).
CEIL: 2 mg/m³

Personal Protective Equipment (PPE)

Eyes Splash goggles.

Hands and Body Recommended: Impervious gloves.

Respiratory Vapor and dust respirator. Ensure an MSHA/NIOSH-approved respirator or equivalent is used.



Section 9. Physical and Chemical Properties

Physical State Liquid.

pH 13 [Conc. (% w/w): 1%]

Boiling Point 205°C (401°F)

Specific Gravity 1.08

Solubility Easily soluble in the following materials: cold water, hot water, methanol and diethyl ether.
Very slightly soluble in the following materials: n-octanol.

Color Beige. [Light]

Odor Fruity. [Slight]

Vapor Pressure 0.02 kPa (0.15 mm Hg)

Vapor Density 3.7 [Air = 1]

Evaporation Rate Not available.

Freezing Point

VOC (Consumer) Not available.

Section 10. Stability and Reactivity**Stability and Reactivity**

The product is stable.

Incompatibility

Highly reactive or incompatible with the following materials: oxidizing materials.
 Reactive or incompatible with the following materials: reducing materials.
 Slightly reactive or incompatible with the following materials: acids and alkalis.

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information**Carcinogenicity** No known significant effects or critical hazards.**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure

Section 12. Ecological Information**Environmental Effects**

No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream

Code: Not applicable.

Classification: - [Hazardous waste.]

Origin: - [RCRA waste.]

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Classification	Not regulated.	-	-	-		-
IMDG Class	Not available.	Not available.	Not available.	-		-

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG* : Packing group

Section 15. Regulatory Information**Canada****WHMIS (Canada)**

WHMIS Class D-2B: Material causing other toxic effects (Toxic). Class

E: Corrosive material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other Information

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.