PORSF
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USEPA SF
1288557

Material Safety Data Sheet

Revision Date
23-Jun-2005

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code	DA6891
Product name	Real Seal Black
Recommended Use	Sealant
Supplier	Lawson Products, Inc. 1666 East Touhy Avenue Des Plaines, IL 60018 (847)-827-9666
Emergency telephone number	(888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Eyes, Inhalation.

Potential health effects

Eyes	Contact with eyes may cause irritation.
Skin	Skin irritation.
Inhalation	Respiratory irritation.
Ingestion	Stomach distress.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	% Weight
Methyltriacetoxysilane	4253-34-3	1-5
Silicon Dioxide - hydrated	7631-86-9	7-13
Ethyltriacetoxysilane	17689-77-9	1-5

4. FIRST AID MEASURES

Eye contact	Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Skin contact	Wipe excess from skin and flush with water using soap if available.
Ingestion	No specific treatment is necessary since this material is not likely to be hazardous by ingestion.
Inhalation	Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash point °C	No data available
Flash point °F	No data available
Method	Closed cup
Autoignition temperature	
Autoignition temperature °C	No data available
Autoignition temperature °F	
Flammability Limits (% in Air)	
Upper	No data available
Lower	No data available

Suitable extinguishing media
Water fog. Carbon dioxide (CO2). Foam. Dry chemical. Water.

Extinguishing media which must NOT be used for safety reasons
No information available.

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear..

Special Fire-Fighting Procedures
Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing..

Hazardous decomposition products
See Section 10

Fire and Explosion Hazards
None known.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Soak up with inert absorbent material. Place in non-leaking, tightly sealed container for proper disposal. Use caution as spill may create a slip hazard.

7. HANDLING AND STORAGE

Handling
Avoid contact with skin and eyes. Do not handle contact lenses until all sealant has been cleaned from the fingertips, nails, and cuticles. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities

Storage
Store in a well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Silicon Dioxide - hydrated	15 mg/m³ (total dust), 5 mg/m³ (respirable fraction)	10 ppm	10 mg/m³ (total dust)	ND
Ethyltriacetoxysilane	-	10 mg/m³ (dust)	-	15 ppm
Methyltriacetoxysilane	-	ND	-	ND

Ventilation and Environmental Controls
Use in a well ventilated area. Provide mechanical exhaust ventilation.

Hygiene measures
Wash hands before breaks and immediately after handling the product.

Respiratory protection
None necessary under normal conditions.

Hand protection
Cotton gloves.

Eye protection
ANSI approved safety glasses are recommended to prevent accidental eye contact.

Skin and body protection
No information available

Other Protective Equipment
An eye wash station should be available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Color	Black
Odor	Vinegar-like
Odor Threshold	No information available
pH	No data available
Specific Gravity	1.032
Boiling point/range °C	No data available
Boiling point/range °F	No data available
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	No data available
Flash point °F	No data available
Vapor pressure	No data available
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	No data available
Partition Coefficient (n-octanol/water)	No data available
VOC Content	32 gm/ltr

10. STABILITY AND REACTIVITY

Stability
Stable.

Conditions to avoid
Do not expose to air or moisture until ready to use.

Materials to avoid
Oxidizers.

Hazardous decomposition products
Sulfur oxides. Carbon oxides. Incompletely burned carbon products. Silicone dioxide. Iodine compounds. Formaldehyde.

Polymerization
No information available.

Synergistic Products
No information available.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
Silicon Dioxide - hydrated 7631-86-9	-	-	-
Ethyltriacetoxysilane 17689-77-9	-	-	-
Methyltriacetoxysilane 4253-34-3	2060 mg/kg	-	-

Potential health effects

Sensitization	No information available.
Chronic toxicity	No information available.
Mutagenic effects	No information available.
Teratogenic effects	No information available
Reproductive toxicity	No information available
Target Organ Effects	No information available

Carcinogenic effects
See table below