

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Silica Gel – White or Clear
Part Number: DeVilbiss Automotive Refinishing Part No. 130502 (Desiccant Snake)
Product Description: Silica Gel Beads or Granules
SDS #: SDS-53 REVISION #: 6/30/15
Chemical Formula: SiO₂
CAS Number: 7631-86-9
Article Code: Not Applicable.
General Use: Removal of moisture from compressed air systems

Relevant identified uses of the substance or mixture and uses advised against:
 Not applicable.

Company Information:
 DeVilbiss Automotive Refinishing
 11360 S. Airfield Rd.
 Swanton, Ohio 43558
 Customer Service Phone: 1-800-445-3988

Emergency telephone number - CHEMTREC (24 HOURS): 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
Immediate Concerns: Poses little to no health hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number: 7631-86-9
Chemical Formula: SiO₂ – Silicon Dioxide

Ingredients	CAS	% By Weight
Silica Gel	63231-67-4	99%+

4. FIRST-AID MEASURES

Description of first aid measures

Eye Contact: Do not rub eyes. Flush with plenty of water or eye wash solution for up to 15 minutes. Remove any contact lenses and open eyes wide. Get medical attention if discomfort continues.

Inhalation: Move the person to fresh air immediately. For breathing difficulties, oxygen may be required. If breathing stops, provide artificial respiration. For severe or persistent symptoms, seek immediate medical attention.

Skin Contact: Wash skin thoroughly with soap and water for several minutes. Seek medical attention if irritation persists after washing.

Ingestion: Normally not needed. Rinse mouth thoroughly. Drink plenty of water. Seek medical

attention if symptoms appear.

5. FIRE-FIGHTING MEASURES

Flashpoint and Method:	Material is not flammable
Extinguishing Media:	The product is generally non-combustible. Use fire extinguishing media appropriate for the surrounding materials.
Fire Fighting Procedures:	Self-contained breathing apparatus and full protective gear should be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard. Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface of the water, may require notification of the National Response Center (phone number 800-424-8802).
Methods and materials for containment and cleaning up spills:	Use a vacuum, shove, or broom. Avoid formation of dust. Dampen spillage area with water if necessary. Comply with local regulations after clean up.

7. HANDLING AND STORAGE

Precautions for safe handling	
Protective measures:	Avoid spilling, making skin or eye contact, or dust inhalation. Do not eat, drink, or smoke when using this product.
Conditions for safe storage, including any incompatibilities:	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment:	Gloves and proper respiratory equipment should be available to employees handling the product.
Process Conditions:	Provide an eyewash station.
Engineered Measures:	Provide local and general exhaust ventilation.
Respiratory Equipment:	Proper respiratory equipment should be provided to employees handling the product.
Hand Protection:	Gloves should be available to employees handling the product.
Eye Protection:	Safety glasses are recommended, but not required.
Hygiene Measures:	Wash hands at the end of the work shift and prior to eating, drinking, or smoke breaks.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Beads, granules, or powder
Color:	White/Clear
Odor:	None detected
Solubility:	Not soluble in water.
pH:	4.0-8.0
Decomposition Temp.:	1700°C

10. STABILITY AND REACTIVITY

Stability:	Product is stable under normal temperature conditions and recommended use.
Hazardous Polymerization:	Will not polymerize.
Conditions to Avoid:	Avoid contact with water, steam, or water mixtures.
Hazardous Decomposition Products:	None

11. TOXICOLOGICAL INFORMATION

Acute - Oral LD₅₀:	> 5000 mg/kg (oral rat)
Inhalation:	Dust may irritate respiratory system or lungs. May have long term dust effects.
Ingestion:	May cause discomfort if swallowed.
Skin Contact:	May cause skin irritation.
Eye Contact:	May irritate eyes.

12. ECOLOGICAL INFORMATION

Toxicity	
LC_{50, 96} Hours Fish mg/l:	>10,000
EC_{50, 48} Hours, Daphnia mg/l:	>10,000
Mobility:	Not considered mobile.
Degradeability:	This product is not biodegradeable.
Acute Fish Toxicity:	Not toxic to fish.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Methods of disposal:	Dispose of waste material in accordance with all local, regional, national, and international regulations.
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14. TRANSPORT INFORMATION

General:	This product is not covered by international regulation on transport of dangerous goods (IMDG, IATA, ADR/RID)
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15. REGULATORY INFORMATION

Labeling:	Irritant to skin and eye.
Risk Phrases:	Not Classified - NC.
Safety Phrases:	Do not breathe dust. (S22) Avoid contact with skin. (S24) Avoid contact with eyes. (S25)

16. OTHER INFORMATION

Date Revised: 06/30/2015
Date Prepared: 06/30/2015

SDS PREPARED BY: Director of Chemical Safety

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*** END OF SDS ***

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