

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Premium Desiccant
Part Number: 130504, DAD-1
Product Description: Silica Gel Beads
SDS #: SDS-1, Revised 1/12/15
Chemical Formula: SiO₂
CAS Number: Not Applicable.
Article Code: Not Applicable.
General Use: Premium Silica Gel Bead Desiccant for water removal from compressed air

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

Classification according to OSHA 29 CFR 1910.1299 and Directive 1999/45/EC [DPD]

The product is not classified as dangerous according to OSHA 29.CFR 1910.1200, Directive 1999/45/EC and its amendments.

Classification: Not classified.
Skin contact: No adverse effects expected.
Eye contact: Route of exposure unlikely, Dust may cause a mechanical irritation which can scratch the eye.
Ingestion: Non-toxic by ingestion. Pillow paks may pose a choking hazard. Keep away from children and pets.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Preservatives and Solvents: None
Other Gases and Liquids: None

Ingredients	CAS	% By Weight
Container (Pouch, Pak, etc.)		1 – 75
Silica Gel	63231-67-4	25 - 99

4. FIRST-AID MEASURES

Description of First-Aid measures

- Eyes:** Do not rub eyes. Flush with plenty of water or eye wash solution for 5 minutes while holding the eyelid open. Get medical attention if irritation persists.
- Skin:** Wash with soap and water.
- Ingestion:** Normally not needed. Encourage fluid intake. Seek medical attention if symptoms develop or persist.
- Inhalation:** Normally not needed. Remove to fresh air. If symptoms of irritation persist, seek medical attention.

Protection of first-responders: No known significant effects or critical hazards.

5. FIRE-FIGHTING MEASURES

- Flashpoint and Method:** Material is not flammable
- Extinguishing Media:** Use an extinguishing agent applicable to the surrounding fire
- Fire-Fighting Procedures:** As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

- Small Spill:** No special precautions required.
- Large Spill:** With shovel or scoop, place material in to appropriate container.

7. HANDLING AND STORAGE

- Handling:** There is little or no health hazards associated with intact packaged desiccant. Do not cut, open or remove desiccant fill from package. Use of proper hygiene practices in the workplace is recommended.
- Storage:** Store in a dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection is advised when handling bulk containers of desiccant fill raw material.:

- Respiratory Protection:** Good ventilation should be sufficient to control airborne levels..
- Eye Protection:** Safety glasses should be worn.
- Skin Protection:** Proper hygiene practices in the workplace are recommended.
- Work Hygienic Practices:** Normal work and hygiene practices.

Hazardous Components					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg / m ³	ppm	mg / m ³
Silica Gel	8 hrTWA	(1)	(1)	(2)	(2)
OSHA TABLE COMMENTS:					
(1) (80 mg/m ³) / SiO ₂					
(2) 3 mg / m ³ respirable and 10 mg / m ³ inhalable					

Comments

All inert or nuisance dusts, whether mineral, inorganic or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is 5 mg/m³ respirable fraction and 15 mg/m³ for total dust. ACGIH exposure guidelines of less than 3 mg / m³ (respirable) and 10 mg/m³ (inhalable) have been established for particles (insoluble/poorly soluble) not otherwise specified (PNOS).

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Solid
 Odor: None
 pH: 7
 Percent Volatile: Not Applicable
 Vapor Pressure / Vapor Density: Not Applicable
 Oxidizing Properties: None
 Solubility in Water: Insoluble

10. STABILITY AND REACTIVITY

Stable: Yes
 Hazardous Polymerization: No
 Conditions for Storage: Store in dry ambient environment. Store in original container. Keep tightly closed and dry

11. TOXICOLOGICAL INFORMATION

Acute: Oral LD50: Silica Gels are very low in oral toxicity based on comparison to related forms of silica. No adverse effects have been observed in experimental animals following ingestion of any form of amorphous silica.

Carcinogenicity:

	NTP	IARC	OSHA
Chemical Name	STATUS	STATUS	STATUS
Silica Gel	Not Listed	Not Listed	Not Listed

Sensitization: Not Sensitizing

12. ECOLOGICAL INFORMATION

Toxicity**Ecotoxicity:**

No known ecological hazards are associated with this product.

Chemical Fate Information:

Silica Gel is not biodegradable.

13. DISPOSAL CONSIDERATIONS

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

Waste treatment methods**Methods of disposal:**

Dispose of waste material in accordance with all local, regional, national, and international regulations.

Hazardous waste:

Not considered to be a Hazardous Waste as shipped.

14. TRANSPORT INFORMATION

Not Regulated:

DOT (Department of Transportation), Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG), Canada Transport of Dangerous Goods

15. REGULATORY INFORMATION

Not regulated:

SARA Title III, CERCLA, TSCA, California Proposition 65

HMIS Rating:0 Health, 1 Flammability, 0 Physical Hazard, 1 Reactivity
Personal Protection should be determined based on workplace conditions

16. OTHER INFORMATION

Date Revised: 1/12/2015**Date Prepared:** 1/12/2015**SDS PREPARED BY: Director of Chemical Safety**

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, DeVilbiss makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will DeVilbiss be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

*** END OF SDS ***

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