

MATERIAL SAFETY DATA SHEET**SECTION I - PRODUCT IDENTIFICATION****Product Name** : **DODGESORB****Product Use** : Drying compound.**Chemical Family** : Mixture.**Supplier's name and address:**The Dodge Chemical Company (Canada) Ltd.
1265 Fewster Drive
Mississauga, Ontario, Canada
L4W 1A2
(905) 625 0311**Manufacturer's name and address:**

Refer to Supplier

24 Hr. Emergency Tel # : (613) 996-6666 (CANUTEC) **WHMIS CLASS** : D2B**SECTION II - HAZARDOUS INGREDIENTS**

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt.%</u>	<u>LC₅₀(4hr)</u>	<u>LD₅₀ mg/kg</u>	
			<u>(Rat, ihl.)</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Cross-linked sodium polyacrylate polymer	9033-79-8	60.0 - 100.0	N/Av	N/Av	N/Av

SECTION III - PHYSICAL DATA**Physical state** : powder**Odour** : pine scent**Appearance** : tan**Odour threshold** : N/Av**Boiling point** : N/Av**Melting/Freezing point** : N/Av**pH** : N/Av**Specific gravity** : 0.76 - 0.77**Coefficient of water/oil distribution**

: N/Av

Vapour pressure (mmHg @ 20° C / 68° F)

: N/Av

Solubility in water

: Swells on contact with water.

Vapour density (Air = 1)

: N/Av

Evaporation rate (n-Butyl acetate = 1)

: N/Av

Volatiles (% by weight)

: N/Av

SECTION IV - FIRE AND EXPLOSION DATA**Fire hazards/conditions of flammability**

: Not flammable under normal conditions of use.

Flash point

: N/Av

Flash point Method

: N/Av

Auto-ignition temperature : N/Av**Lower flammable limit (% by vol.)**

: N/Av

Upper flammable limit (% by vol.)

: N/Av

Means Of Extinction

: Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Explosion data: Sensitivity to mechanical impact / static discharge

: N/Av

Special fire-fighting procedures/equipment

: Firefighters should wear proper protective equipment and self contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

Unusual Fire and Explosion Hazards

: Potential for dust explosion may exist. Finely dispersed particles form explosive mixtures with air. Material can create slippery conditions.

Hazardous combustion products

: Carbon oxides and other irritating fumes and smoke.

SECTION V - REACTIVITY DATA

- Stability and reactivity** : Stable at ambient temperatures and pressures. Hazardous polymerisation does not occur.
- Conditions of reactivity** : None known or reported by the manufacturer.
- Incompatible materials** : Strong oxidizing agents and acids.
- Hazardous decomposition products** : None known, refer to hazardous combustion products in Section 4.

SECTION VI - TOXICOLOGICAL PROPERTIES

***** Routes of exposure and acute/chronic effects *****

<u>Exposure Limits</u>				
<u>Ingredients</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Cross-linked sodium polyacrylate polymer	N/Av	N/Av	N/Av	N/Av

Routes of exposure : Skin contact; Eye contact; Ingestion; Inhalation.

Irritancy : Moderate eye irritation. May cause mild skin irritation.

Potential Acute Health Effects

Inhalation : Dusts may cause irritation of the mucous membranes and respiratory tract.

Skin : Dust may cause irritation and reddening.

Eyes : Mild to moderate irritation or inflammation.

Ingestion : May cause irritation of mouth, throat, and stomach. May cause abdominal discomfort, nausea or diarrhea.

Effects of Chronic Exposure : Prolonged skin contact may cause dermatitis (rash), characterized by red, dry, itching skin.

Carcinogenicity : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects : Not expected to have other reproductive effects.

Teratogenicity : Not expected to be a teratogen.

Mutagenicity : Not expected to be mutagenic in humans.

Sensitization to material : Not expected to be a skin or respiratory sensitizer.

Synergistic materials : N/Av

Medical Conditions Aggravated By Overexposure : Pre-existing skin, eye and respiratory disorders.

SECTION VII - FIRST AID

- Inhalation** : Immediately remove person to fresh air. Consult a physician if necessary.
- Skin contact** : Immediately flush with plenty of water, while removing contaminated clothing. If irritation or symptoms develop, seek medical attention. Wash contaminated clothing before re-use.
- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.
- Ingestion** : Do NOT induce vomiting. If conscious, give the victim plenty of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

SECTION VIII - PREVENTIVE MEASURES

- Spill response/cleanup** : Individuals involved in the cleanup must wear appropriate personal protective equipment. Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Cover spilled solid with inert, absorbent material, such as sand, then place in suitable, covered container for later disposal (see below). Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. Notify the appropriate authorities as required.
- Methods of Disposal** : Handle according to recommendations listed below. Improper disposal can cause damage to the environment. Dispose of in accordance with federal, provincial and local hazardous waste laws.

***** PROTECTIVE EQUIPMENT *****

Ventilation and engineering measures

: Provide appropriate exhaust ventilation at places where dust is formed.

Respiratory protection

: Use in a well ventilated area. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Advice should be sought from respiratory protection specialists.

Skin protection

: Gloves impervious to the material are recommended. Advice should be sought from glove suppliers.

Eye / face protection

: Chemical goggles must be worn to prevent dusts from entering the eyes.

Other protective equipment

: An eyewash station and safety shower should be made available in the immediate working area. Depending on conditions of use, an impervious apron should be worn.

***** STORAGE & HANDLING *******Safe Handling procedures**

: Wear chemically resistant protective equipment during handling. Use only in well-ventilated areas. Do not breathe vapours/dust. Avoid contact with skin, eyes and clothing. Keep away from heat, sparks, and open flames. Keep away from acids and other incompatibles. Spilled material will create slippery surfaces. Clean up promptly. Use caution when opening cap. Keep containers tightly closed when not in use. Wash thoroughly after handling.

Storage requirements

: Store in a cool, dry, well ventilated area. Store away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.

Special Shipping Information

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
TDG	None	Not regulated.	Not regulated	none	
TDG Additional information	None.				

SECTION IX - PREPARATION INFORMATION**Legend**

- : ACGIH: American Conference of Governmental Industrial Hygienists
- : CAS: Chemical Abstract Services
- : IARC: International Agency for Research on Cancer
- : MSHA: Mine Safety and Health Administration
- : N/Ap: not applicable
- : N/Av: not available
- : NTP: National Toxicology Program
- : NIOSH: National Institute of Occupational Safety and Health
- : OSHA: Occupational Safety and Health Administration
- : PEL: Permissible exposure limit
- : STEL: Short Term Exposure Limit
- : TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- : TLV: Threshold Limit Values
- : TWA: Time Weighted Average
- : WHMIS: Workplace Hazardous Materials Identification System

References

- : 1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2006.
- : 2. International Agency for Research on Cancer Monographs, searched 2007.
- : 3. Canadian Centre for Occupational Health and Safety, CInfoWeb databases, 2007 (Chempendium and RTECs).
- : 4. Material Safety Data Sheet from manufacturer.

Preparation Date:

: January 8, 2007

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