




# Material Safety Data Sheet

chemcan

<b>Section I. Chemical Product and Company Identification</b>	
<b>Product Name/ Trade Name</b>	<b>DARVAN® 7-N</b>
<b>Supplier</b>	<b>R.T. VANDERBILT COMPANY, INC. 30 WINFIELD STREET NORWALK, CT 06855</b>
<b>Synonym</b>	Sodium polymethacrylate and water.
<b>Chemical Name</b>	Not available.
<b>Chemical Family</b>	Not available.
<b>Chemical Formula</b>	Not applicable.
<b>Material Uses</b>	Dispersing agent.
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p><b>Code</b></p> <p>14395</p> </div> <div style="text-align: center;"> <p><b>CAS#</b></p> <p>Mixture.</p> </div> <div style="text-align: center;"> <p><b>In case of Emergency</b></p> <p>Call (203)853-1400</p> </div> </div> <div style="text-align: center; margin-top: 10px;">  </div>	

<b>Section II. Composition and Information on Ingredients</b>		
Name	CAS #	% by Weight
sodium polymethacrylate	54193-36-1	24-26
water	7732-18-5	74-76

<b>Section III. Hazards Identification</b>	
<b>Emergency Overview</b>	Colorless to light amber liquid. May cause slight eye and slight skin irritation.

<b>Section IV. First Aid Measures</b>	
<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention if irritation persists.
<b>Skin Contact</b>	For skin contact, flush affected areas with plenty of water for several minutes. Remove and clean contaminated clothing and shoes. Seek medical attention if irritation occurs.
<b>Inhalation</b>	Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if irritation or distress continues.
<b>Ingestion</b>	If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

**Section V. Fire and Explosion Data**

<b>Flammability of the Product</b>	Will burn after product desiccation.
<b>Auto-Ignition Temperature</b>	Not available.
<b>Flash Points</b>	CLOSED CUP: >93°C (200°F).
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	Carbon and sodium oxides at combustion temperatures.
<b>Explosion Hazards in Presence of Various Substances</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Special Remarks on Fire Hazards</b>	When water has evaporated, the residue will burn. Containers may explode (due to build-up of pressure) when exposed to extreme heat
<b>Special Remarks on Explosion Hazards</b>	Not available.

**Section VI. Accidental Release Measures**

<b>Small Spill</b>	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
<b>Large Spill</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Prevent water from entering drinking water supplies or streams.

**Section VII. Handling and Storage**

<b>Storage</b>	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place.
<b>Handling Procedures and Equipment</b>	After handling, always wash hands thoroughly with soap and water. Keep from freezing. If frozen, thaw and mix before using.

**Section VIII. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location. Use local exhaust ventilation. A capture velocity of 100-150 fpm is recommended
<b>Personal Protection</b>	Safety glasses. Lab coat. Gloves.
<b>TLV/PEL</b>	Not available.

**Section IX. Physical and Chemical Properties**

<b>Appearance</b>	Colorless. Liquid.
<b>Molecular Weight</b>	Not applicable.
<b>pH (1% soln/water)</b>	9.0-11.5
<b>Boiling/Condensation Point</b>	>100°C (212°F)
<b>Melting/Sublimation Point</b>	May start to solidify at 0°C (32°F) based on data for: water.
<b>Specific Gravity</b>	1.13-1.17 (Water = 1)
<b>Density</b>	Not available.
<b>Vapor Pressure</b>	Not available.
<b>Vapor Density</b>	>1 (Air = 1)
<b>Volatility</b>	75% (v/v).
<b>Odor / Odor Threshold</b>	None
<b>Evaporation rate</b>	<1
<b>Viscosity</b>	Not available.
<b>Water/Oil Dist. Coeff.</b>	The product is much more soluble in water.
<b>Solubility</b>	Soluble in water.

**Section X. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Instability Temperature</b>	Not available.
<b>Conditions of Instability</b>	Not available.
<b>Incompatibility with Various Substances</b>	Avoid strong oxidizing agents.
<b>Corrosivity</b>	Not available.
<b>Special Remarks on Reactivity</b>	Not available.

**Section XI. Toxicological Information**

<b>Routes of Entry</b>	Eye contact. Ingestion. Skin contact.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 20000 mg/kg [Rat]. Acute dermal toxicity (LD50): 5000 mg/kg [Rabbit]
<b>Special Remarks on Toxicity to Animals</b>	Primary skin irritation index 0.25 (rabbits). Non-irritating to rabbit eyes.
<b>Acute Effects</b>	
<b>Eye contact</b>	Slightly hazardous in case of eye contact (irritant).
<b>Skin contact</b>	May cause irritation.
<b>Sensitization</b>	This material is not expected to be a skin sensitizer. This material is not expected to be a skin absorption hazard.
<b>Ingestion</b>	May be an ingestion hazard.

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**Inhalation** Not expected to be an inhalation hazard.

**Remark** Not available.

**Chronic Effects on Humans** **CARCINOGENIC EFFECTS** Not available.  
**MUTAGENIC EFFECTS** Not available.  
**DEVELOPMENTAL TOXICITY** Not available.  
**REPRODUCTIVE TOXICITY** Not available.

**Remarks** Not available.

**Section XII. Ecological Information**

**Ecotoxicity** Not available.

**BOD5 and COD** Not available.

**Products of Biodegradation** None known.

**Biodegradability** Not available.

**Special Remarks on the Products of Biodegradation** Not available.

**Section XIII. Disposal Considerations**

**Waste information** Waste must be disposed according to applicable regulations.

**Waste stream** Not available.

**Section XIV. Transport Information**

**TDG Road/Rail** Not controlled under TDG (Canada).



Not applicable.

**Remarks** Not applicable.

**Maritime Transportation** Not available.



**Section XV. Other Regulatory Information and Pictograms**

**Federal & Provincial Regulations.**

CEPA DSL: DARVAN® 7-N

**WHMIS (Canada)**

Not controlled under WHMIS (Canada).

**Remark**

Not applicable.

**Other regulatory lists**

TSCA 8(b) inventory: DARVAN® 7-N

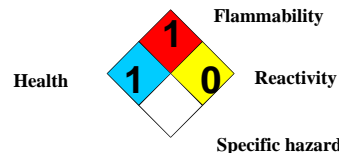
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Australia: Darvan 7-N  
 China: Darvan 7-N  
 Japan (MITI): Darvan 7-N  
 Korea (TCCL): Darvan 7-N  
 Philippines (RA6969): Darvan 7-N

**Hazardous Material Information System (U.S.A.)**

Health Hazard	1
Fire Hazard	1
Physical Hazard	0
Personal Protection	a

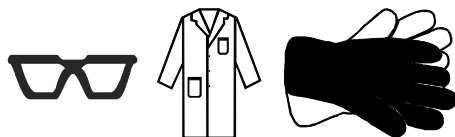
**National Fire Protection Association (U.S.A.)**



**WHMIS (Canada) (Pictograms)**



**Protective Clothing (Pictograms)**



**Section XVI. Other Information**

**References**

Not available.

**Other Special Considerations**

Not available.

Validated by Romana Uzar on 6/11/2008.

Verified by Romana Uzar.

Printed 6/11/2008.

**Information Contact**

(203) 853-1400  
 Corporate Risk Management Department

**Notice to Reader**

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