



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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(716) 226-6177

MSDS No. RR 80
Effective Date January 2, 1997

SECTION V HEALTH HAZARD DATA

RR 80

Threshold Limited Value

None established. (ACGIH 1992-93).

Effects of Overexposure

SKIN: Prolonged and repeated contact may cause a skin sensitization reaction in susceptible individuals. **EYES:** Dust may cause irritation by mechanical abrasion. **INHALATION:** None expected. **INGESTION:** None known. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

EYES: Immediately flush with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician. **SKIN:** Wash with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** If swallowed, do **NOT** induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Spontaneous heating may occur if stored in a non-ventilated area at elevated temperatures.
	Stable	X	

Incompatibility (Materials to Avoid)	Strong oxidizers.
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Hazardous Decomposition Products	Hazardous products of combustion: carbon dioxide, carbon monoxide and smoke. Depending on conditions, some aliphatic aldehydes and carboxylic acid also may be formed.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Recover for use if not contaminated. Sweep up and place in a suitable container for proper disposal. Wash spill area with soap and water.
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Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved chemical landfill or contract with a licensed waste disposal agency.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.			
Ventilation	Local Exhaust	Recommended.	Special	No.	
	Mechanical (General)	Recommended.	Other	No.	
Protective Gloves		Rubber.	Eye Protection		Chemical safety glasses.

Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from sparks and open flame. Wash thoroughly after handling. Appropriate protective clothing when handling molten product.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Use with adequate ventilation. Avoid breathing dust. Avoid contact with skin and eyes. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 3	Date	1/02/97	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.							

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	ROSIN	<div><p>CHEMTREC 800-424-9300 Day 716-226-6177</p><p>NFPA HAZARD RATING</p><p>LEAST SLIGHT MODERATE HIGH EXTREME</p><p>0 1 2 3 4</p><p>HMIS *</p><p>0 1 2 3 4</p></div>
Chemical Synonyms	Vinsol Resin	
Formula	Natural Product	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	8050-09-7	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Rosin	100%	None established.
CAUTION! FLAMMABLE DUST WHEN FINELY DIVIDED AND SUSPENDED IN AIR.		

SECTION III PHYSICAL DATA

Melting Point (°F)	Softens 124°C (255°F)	Specific Gravity (H ₂ O = 1)	1.22 solid resin
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Negligible at 20°C
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Negligible.		
Appearance & Odor	Dark brown solid, flake or powder; odor characteristic of pine-derived resin.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	280°C (536°F) Pinsky-Martens	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; dry chemical; foam; carbon dioxide (CO ₂).				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Autoignition Temperature: 470°C (878°F).

UNUSUAL FIRE AND EXPLOSION HAZARDS

Flammable dust when finely divided and suspended in air.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20