

# MATERIAL SAFETY DATA SHEET



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PRODUCT: 530125 Retaining Compound  
MSDS ID: ND2162  
DATE: 11/13/98 Updated: 11/1/00  
PREPARED BY: Chemical Safety

**SECTION I -Material Identification and Information**    **H:2**                    **F:1**                    **R:1**                    **PPE: H**

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Methacrylate Esters	AA-10	25852-47-5	60-70	n.e.	n.e.
Hydroxypropyl Methacrylate		27813-02-1	15-25	n.e.	n.e.
Coumarone Indene Resin		63393-89-5	5-10	n.e.	n.e.
Saccharin		81-07-2	0.1-1	n.e.	n.e.
Polyethyl methacrylate		9003-42-3	1-3	n.e.	n.e.
Cumene Hydroperoxide		80-15-9	1-3	n.e.	n.e.
N,N Dialkyltoluidines		Proprietary	0.1-1	n.e.	n.e.

All ingredients are listed on the TSCA Inventory.

n.a.= not applicable / n.e.=not established

## SECTION II -Physical and Chemical Characteristics

**BOILING POINT:** >300°C  
**VAPOR DENSITY:** >1                    air = 1  
**VAPOR PRESSURE:** 5 mmHg @ 25°C  
**MELTING POINT:** n.a.  
**SPECIFIC GRAVITY:** 1.10                    water = 1  
**EVAPORATION RATE:** n.a.  
**WATER REACTIVE:** No  
**SOLUBILITY IN WATER:** n.a.  
**APPEARANCE AND ODOR:** Green liquid with sharp odor.

## SECTION III - Fire and Explosion Hazard Data

**FLASH POINT:** > 200°C                    P.M.C.C.  
**AUTOIGNITION TEMPERATURE:** not determined  
**FLAMMABILITY LIMITS % IN AIR:** LEL: not determined                    UEL: not determined  
**EXTINGUISHER MEDIA:** Use carbon dioxide, foam, dry chemical and/or water spray.

**SPECIAL FIREFIGHTING PROCEDURES:**                    Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.

**UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:**                    Combustion of product may produce oxides of carbon.



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Component	Oral LD50	Dermal LD50	Inhalation LC50
Methacrylate Esters	not determined	not determined	not determined
Hydroxyalkyl Methacrylate	not determined	not determined	not determined
Coumarone Indene Resin	not determined	not determined	not determined
Saccharin	not determined	not determined	not determined
Polyethyl Methacrylate	not determined	not determined	not determined
Cumene Hydroperoxide	800-1600 mg/Kg Rat	Severe irritation (delayed)	700 ppm Rat
N,N Dialkyltoluidines	not determined	not determined	not determined

## SECTION VI - Control and Protective Measures

**RESPIRATORY PROTECTION:** Wear NIOSH/MOSHA approved respirator. Work in a well ventilated area.

**PROTECTIVE GLOVES:** Disposable polyethylene gloves with vinyl latex over gloves will give protection.

**EYE PROTECTION:** Wear NIOSH approved safety glasses with side shields or chemical splash goggles.

**VENTILATION TO BE USED:** LOCAL EXHAUST:  MECHANICAL: SPECIFIC:  
OTHER (specify):

**PROTECTIVE CLOTHING AND EQUIPMENT:** Wear impervious clothing to prevent repeated, prolonged skin contact.

**HYGIENIC WORK PRACTICES:** Practice good personal hygiene and wash hands after handling product.

## SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures

### STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Dike area to prevent spreading. Absorb with vermiculite, sand or other inert absorbing material.

**WASTE DISPOSAL METHODS:** Dispose of as a chemical waste in accordance with current local, state, and federal regulations

**SAFE HANDLING AND STORAGE:** Avoid prolonged skin contact. Store product below 110°F to preserve shelf life.

### OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

Avoid prolonged skin contact. Keep away from eyes.

**RECOMMENDED  
NFPA/HMIS  
RATING**

**HEALTH 2**

**FLAMMABILITY 1**

**REACTIVITY 1**

**PERSONAL H  
PROTECTION**

note: ratings may differ according to application, environment, and physical state.

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## NOTES:

Shipping Regulations:  
DOT and IATA Hazard Classification: Non restricted Articles  
Proper DOT Shipping Name: N/A

## SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
80-15-9	Cumene hydroperoxide	<3

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>cancer agent</u>	<u>Reproductive Toxin</u>	<u>cancer agent &amp; Reproductive Toxin</u>
Saccharin	81-07-2	0.1-1%	X		

The information contained herein is based on the data available to us and is believed to be correct. However, ND Industries®, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their properties prior to use. Since conditions of use are beyond our control, all risks are assumed by the user.