



## MATERIAL SAFETY DATA SHEET

Prepared in accordance with ISO 11014-1/ ANSI standard  
Z400.1-2004

Revision Date: 6/13/2012  
MSDS No.: ND2162

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 530 General Purpose Retaining Compound

**Use of the Substance/Preparation:** Retaining Compound

**Supplier:**

ND Industries, Inc.  
1893 Barrett Drive  
Troy, Michigan 48084  
Tel: (248) 288-0000  
Fax: (248) 288-0022  
Website: [www.ndindustries.com](http://www.ndindustries.com)  
E-mail: [info@ndindustries.com](mailto:info@ndindustries.com)

**Emergency Telephone Number:** 24 hr. EMERGENCY CHEMTREC 1-800-424-9300  
24 hr. CHEMTREC INTERNATIONAL +1-703-527-3887

### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Avoid contact with skin and eyes. May cause sensitization  
**CAUTION** by skin contact. May cause respiratory irritation.

**Principle Routes of Exposure:** Skin and eyes.

**POTENTIAL HEALTH EFFECTS:**

**Eye Contact:** Causes eye irritation characterized by excessive tearing, redness, and blinking.

**Skin Contact:** Causes moderate skin irritation. May cause sensitization by skin contact.

**Inhalation:** Vapors generated at elevated temperatures may cause respiratory tract irritation.

**Ingestion:** Not expected to be a route of entry under normal industrial use conditions. May cause irritation of the gastrointestinal tract.

**Carcinogenic Effects:** No data available.

**Target Organ Effects:** No data available.

**Medical Conditions Aggravated by Exposure:** Skin conditions or diseases.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	EINECS Number	Weight %	Risk Phrases
Polyglycol Dimethacrylate	25852-47-5	n/a	50-70	None
Hydroxypropyl methacrylate	27813-02-1	248-666-3	10-20	None

Acrylic polymer	25608-33-7	n/a	5-10	None
Ethoxylated bisphenol A dimethacrylate	24448-20-7	246-263-7	5-10	None
Saccharin	81-07-2	201-321-0	1-5	None
Cumene hydroperoxide	80-15-9	201-254-7	1-3	Xi; R36/37

#### 4. FIRST AID MEASURES

<b>Skin Contact:</b>	Thoroughly wash exposed area with soap and water. Flush with lukewarm water for at least 15 minutes. If irritation develops, seek medical attention. Launder contaminated clothing before reuse.
<b>Eye Contact:</b>	Flush eyes with generous amounts of water for 20-30 minutes, lifting both upper and lower eyelids occasionally. Get medical attention.
<b>Inhalation:</b>	If overcome by exposure, victim should be removed to fresh air immediately. Give artificial respiration as needed. Get immediate medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Immediately seek medical attention.

#### 5. FIRE AND IGNITION INFORMATION

<b>Flash Point</b>	>200°F
<b>Explosion Limits in Air – Upper (%):</b>	Not determined.
<b>Explosion Limits in Air – Lower (%):</b>	Not determined.
<b>OSHA Flammability Classification:</b>	Cumbustible.
<b>Autoignition Temperature:</b>	Not determined.
<b>Extinguishing Media:</b>	CO <sub>2</sub> , Foam, Dry Chemical or Water Spray.
<b>Special Protective Equipment for Firefighters:</b>	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.
<b>Hazardous Decomposition and/or Combustion Products:</b>	Combustion yields oxides of carbon and possible toxic fumes.
<b>Risk of Dust Explosion:</b>	Not applicable.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Only trained personnel should clean a spill. Avoid contact with skin and eyes. Use appropriate personal protective equipment when cleaning a chemical spill. Extinguish all ignition sources. Ventilate spill area.
<b>Methods for Cleaning Up:</b>	Absorb loose material on inert filler and place in suitable container for proper disposal.
<b>Environmental Precautions:</b>	Do not permit product to enter drains, sewers, rivers or other water courses. Dispose of material in accordance with local, state and federal regulations.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with skin and eyes. Wear appropriate personal protective equipment.
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**Storage:** Store product in a cool dry place, away from direct sunlight. Keep container tightly closed when not in use. Do not store for prolonged periods at temperatures below freezing or above 100°F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS

Exposure limits for those components with limits are stated below.

None

### ENGINEERING CONTROLS

General ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** Not necessary under normal use conditions.  
**Hand Protection:** Wear appropriate chemical resistant gloves such as rubber or vinyl.  
**Eye Protection:** Use NIOSH approved safety glasses. If eye contact due to splash hazard exists during use, wear chemical splash goggles.  
**Skin and Body Protection:** Wear impervious clothing to prevent contact with skin.  
**Other:** Wash hands after using and before eating, drinking, smoking, or using the lavatory.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Green liquid
<b>Odor:</b>	Cumene odor
<b>pH</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Boiling Point/Range:</b>	Not determined
<b>Melting Point/Range:</b>	Not determined
<b>Water Solubility:</b>	Insoluble
<b>Specific Gravity:</b>	1.1
<b>% Volatile (by Volume)</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Partition Coefficient (n-octanol/water):</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Mechanical Sensitivity (shock):</b>	N/A
<b>Conditions to Avoid:</b>	Avoid strong oxidizing agents. Storage temperatures below freezing or above 100°F.
<b>Static Discharge Effects:</b>	Minimal.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

<b>Oral LD50:</b>	No data available.	<b>Carcinogenic Effects:</b>	No data available.
<b>Inhalation LC50:</b>	No data available.	<b>Mutagenic Effects:</b>	No data available.
<b>Dermal LC50:</b>	No data available.	<b>Reproductive Toxicity:</b>	No data available.
<b>Eye Irritation:</b>	No data available.	<b>Sensitizing Effects:</b>	No data available.
<b>Skin Irritation:</b>	No data available.	<b>Synergistic Materials:</b>	No data available.

**SUBCHRONIC TOXICITY**

No data available.

12. ECOLOGICAL INFORMATION
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*Information given is based on data on the components and the toxicology of similar products.*

**Aquatic Toxicity:** Not determined

**ENVIRONMENTAL FATE**

<b>Mobility:</b>	No data available.
<b>Bioaccumulation:</b>	No data available.
<b>Persistence / Degradability:</b>	No data available.
<b>Distribution to Environmental Compartments:</b>	No data available.

13. DISPOSAL CONSIDERATIONS
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**Disclaimer:** Information in this section pertains to the product as shipped in its intended composition as described in Section 2 of this MSDS. Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers, liners or rinsate. State/provincial and local regulations may be different from federal regulations.

**RCRA Classification (40 CFR 261):** When this product is determined to be a waste, dispose of in accordance with all federal, state, and local regulations.

14. TRANSPORTATION INFORMATION
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DOT shipping: Not regulated.

15. REGULATORY INFORMATION
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**Hazard Classification**

**United States – OSHA (29 CFR 1910.1200):** This material is considered hazardous under OSHA.

**International Inventories**

**All components of this product are listed on or exempt from the following inventories:**

- (yes) - Australian Inventory of Chemical Substances (AICS)
- (yes) - Domestic Substances List (DSL)
- (yes) - Chinese Inventory
- (yes) - European Inventory of Existing Commercial Substances (EINECS)
- (yes) - Japanese Existing and New Chemical Substances (ENCS)
- (yes) - Korean Existing Chemicals List (KECL)
- (yes) - New Zealand Hazardous Substances and New Organisms Act (HSNO)
- (yes) - United States Toxic Substances Control Act (TSCA) Inventory

**U.S. Federal Regulations**

**TSCA 12(b) Export Notification:** None

**Clean Air Act amendments of 1990 (CAA, Section 11240: CFR 82):** Contains cumene hydroperoxide at <3%.

**Clean Water Act (CWA, 40 CFR 116):** None

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, 40 CFR 302):** Cumene hydroperoxide, RQ: 10 pounds and saccharin, RQ: 100 pounds.

**Superfund Amendments and Reauthorization Act, Title III (SARA):**

**SARA Section 302 (40 CFR 355) Extremely Hazardous Substances:** No components of this product are listed as extremely hazardous chemicals under SARA section 302.

**SARA Section 311/312 (40 CFR 370) Hazard Category:** Acute, chronic.

**SARA Section 313 (40 CFR 372) Toxics Release Inventory:** Contains cumene hydroperoxide at <3%.

**Hazard symbols:** Xi; Irritant  
**Risk phrases:** R36/37: Irritating to eyes and respiratory system

**Safety phrases:** S2: Keep out of reach of children  
S24/25: Avoid contact with skin and eyes  
S37/39 Wear suitable gloves and eye/face protection

**U.S. State Regulations**

**California Proposition 65:** This product contains or may contain chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

**HMIS Rating**

**HMIS Index:** \*- chronic, 0 – Minimal, 1 – slight, 2- moderate, 3 – serious, 4 –severe

**Health:** 2

**Flammability:** 1

**Physical Hazard:** 1

**Prepared by:** ND Industries, Inc. – Safety, Health and Environmental Affairs  
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