1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ALIPHATIC ACRYLIC URETHANE GLOSS CATALYST
Product Code: V500-90FR
Alternate Product Code: A50090
Product Class: CATALYST
Color: Light yellow
Recommended use: CATALYST
Restrictions on use: No information available

Manufactured For
Benjamin Moore & Co., Limited
8775 Keele Street
Concord ON L4K 2N1
Phone: 1-800-361-5898
corotechcoatings.ca

Manufacturer
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 800-225-5554
corotechcoatings.com

2. HAZARDS IDENTIFICATION

Classification
This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Dusts/Mists)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Label elements

Danger

Hazard statements
Harmful if inhaled
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
May cause respiratory irritation

Precautionary Statements - Prevention
Avoid breathing dust/fume/mist/vapors/spray
Use only outdoors or in a well-ventilated area
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Skin
If on skin wash with plenty of soap and water
If skin irritation or rash occurs get medical attention
Wash contaminated clothing before reuse
Inhalation
If inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or physician

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other information
No information available

Other hazards
IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

3. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight % (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane, 1,6-diisocyanato-, homopolymer</td>
<td>28182-81-2</td>
<td>60 - 100%</td>
</tr>
<tr>
<td>Hexamethylene-1,6-diisocyanate</td>
<td>822-06-0</td>
<td>0.1 - 0.25%</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

General Advice
If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

Eye Contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention if symptoms occur.

Skin Contact
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists.

Inhalation
Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately. Asthmatic symptoms may be immediate or delayed. Extreme asthmatic reactions can be life threatening.

Ingestion
Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

Protection Of First-Aiders
Use personal protective equipment.

Most Important Symptoms/Effects
May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

Notes To Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Protective Equipment And Precautions For Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific Hazards Arising From The Chemical
Closed containers may rupture if exposed to fire or extreme heat.

Sensitivity To Mechanical Impact
No

Sensitivity To Static Discharge
No

Flash Point Data
- Flash Point (°F) 442
- Flash Point (°C) 228
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Other Information
Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Environmental Precautions
See Section 12 for additional Ecological Information.

Methods For Clean-Up
Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage
Keep container tightly closed. Keep out of the reach of children.

Incompatible Materials
Strong bases water amines alcohols copper, copper alloys

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits
Chemical Name | ACGIH | Alberta | British Columbia | Ontario | Quebec  
--- | --- | --- | --- | --- | ---  
Hexamethylene-1,6-diisocyanate | 0.005 ppm - TWA | 0.005 ppm - TWA | 0.005 ppm - TWA | 0.005 ppm - TWA | 0.005 ppm - TWA |
| 0.03 mg/m³ - TWA | 0.01 ppm - Ceiling Sensitizer | 0.02 ppm - Ceiling | 0.034 mg/m³ - TWA |

**Legend**
ACGIH - American Conference of Governmental Industrial Hygienists
Alberta - Alberta Occupational Exposure Limits
British Columbia - British Columbia Occupational Exposure Limits
Ontario - Ontario Occupational Exposure Limits
Quebec - Quebec Occupational Exposure Limits
N/E - Not established

**Engineering Measures**
Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Eye/Face Protection**
Tightly fitting safety goggles. If splashes are likely to occur, wear: Goggles. Face-shield.

**Skin Protection**
Long sleeved clothing. Protective gloves.

**Respiratory Protection**
In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions.

**Hygiene Measures**
Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**
liquid

**Odor**
little or no odor

**Odor Threshold**
No information available

**Density (lbs/gal)**
9.6 - 9.9

**Specific Gravity**
1.15 - 1.19

**pH**
No information available

**Viscosity (cps)**
No information available

**Solubility**
No information available

**Water Solubility**
No information available

**Evaporation Rate**
No information available

**Vapor Pressure**
No information available

**Vapor Density**
No information available

**Wt. % Solids**
95 - 100

**Vol. % Solids**
95 - 100

**Wt. % Volatiles**
0 - 5

**Vol. % Volatiles**
0 - 5

**VOC Regulatory Limit (g/L)**
< 250

**Boiling Point (°F)**
No information available

**Boiling Point (°C)**
No information available

**Freezing Point (°F)**
No information available

**Freezing Point (°C)**
No information available

**Flash Point (°F)**
442

**Flash Point (°C)**
228

**Flash Point Method**
PMCC

**Flammability (solid, gas)**
Not applicable
10. STABILITY AND REACTIVITY

Reactivity
Not Applicable

Chemical Stability
Stable under normal conditions.

Conditions To Avoid
Heat, flames and sparks, Prevent from freezing.

Incompatible Materials
Strong bases, water, amines, alcohols, copper, copper alloys.

Hazardous Decomposition Products

Possibility Of Hazardous Reactions
Contact with moisture, incompatible materials, or extreme temperatures can cause polymerization.

11. TOXICOLOGICAL INFORMATION

Product Information
Information on likely routes of exposure

Principal Routes of Exposure
Eye contact, skin contact and inhalation.

Acute Toxicity
Product Information
Harmful by inhalation

Information on toxicological effects

Symptoms
No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Eye contact
May cause eye irritation May cause redness, itching, and pain Vapor may cause irritation

Skin contact
May cause skin irritation and/or dermatitis. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Inhalation
Harmful by inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause sensitization of susceptible persons.
### Ingestion
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Sensitization:
Respiratory sensitizer. May cause allergic respiratory reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

### Neurological Effects
No information available.

### Mutagenic Effects
No information available.

### Reproductive Effects
No information available.

### Developmental Effects
No information available.

### Target Organ Effects
Respiratory system, Lungs.

#### STOT - single exposure
May cause disorder and damage to the respiratory system.

#### STOT - repeated exposure
Causes damage to organs through prolonged or repeated exposure if inhaled. Lungs.

### Other adverse effects
No information available.

### Aspiration Hazard
No information available.

### Numerical measures of toxicity

#### The following values are calculated based on chapter 3.1 of the GHS document

<table>
<thead>
<tr>
<th>Component</th>
<th>ATEmix (inhalation-dust/mist)</th>
<th>ATEmix (inhalation-vapor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane, 1,6-diisocyanato-, homopolymer</td>
<td>1.6 mg/L</td>
<td>11 mg/L</td>
</tr>
</tbody>
</table>

#### Component

<table>
<thead>
<tr>
<th>LD50 Oral: mg/kg (Rat)</th>
<th>LD50 Dermal: mg/kg (Rabbit)</th>
<th>LC50 Inhalation (Vapor): mg/m³ (Rat, 4 hr.)</th>
<th>Sensitization:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane, 1,6-diisocyanato-</td>
<td>&gt; mg/kg</td>
<td>&gt; mg/kg</td>
<td>skin - positive (guinea pig)</td>
</tr>
</tbody>
</table>

### Chronic Toxicity

#### Carcinogenicity
There are no known carcinogenic chemicals in this product above reportable levels.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity Effects
The environmental impact of this product has not been fully investigated.

#### Product Information
**Acute Toxicity to Fish**
No information available

**Acute Toxicity to Aquatic Invertebrates**
No information available

**Acute Toxicity to Aquatic Plants**
No information available

**Persistence / Degradability**
No information available.

**Bioaccumulation / Accumulation**
No information available.

**Mobility in Environmental Media**
No information available.

**Ozone**
No information available

**Component**

**Acute Toxicity to Fish**
No information available

**Acute Toxicity to Aquatic Invertebrates**
No information available

**Acute Toxicity to Aquatic Plants**

Hexane, 1,6-diisocyanato-, homopolymer
EC50: > 1000 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

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**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method**
Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**Empty Container Warning**
Emptied containers may retain product residue. Follow label warnings even after container is emptied.

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**14. TRANSPORT INFORMATION**

**TDG**
Not regulated
15. REGULATORY INFORMATION

International Inventories

TSCA: United States
Yes - All components are listed or exempt.

DSL: Canada
Yes - All components are listed or exempt.

National Pollutant Release Inventory (NPRI)

NPRI Parts 1-4
This product contains the following Parts 1-4 NPRI chemicals:
None

NPRI Part 5
This product contains the following NPRI Part 5 Chemicals:
None

WHMIS Regulatory Status

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

16. OTHER INFORMATION

HMIS - Health: 2* Flammability: 1 Reactivity: 1 PPE: -

HMIS Legend
0 - Minimal Hazard
1 - Slight Hazard
2 - Moderate Hazard
3 - Serious Hazard
4 - Severe Hazard
* - Chronic Hazard
X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead
exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @

Prepared By
Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
855-724-6802

Revision Date: 30-Sep-2016
Reason For Revision Not available

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END OF SAFETY DATA SHEET