**SECTION I: PRODUCT INFORMATION AND COMPANY IDENTIFICATION**

Product Name: AM-6536
Product Code: AM-6536
Provided by: CLEARCO PRODUCTS CO. INC.,
15 York Road
Willow Grove, PA 19090 U.S.A.

Telephone No: 001 215 366-7860
Fax No: 001 215 366-7862
E-mail: info@clearcoproducts.com
Website: www.clearcoproducts.com

Emergency Telephone: CHEM TEL: 1-800-255-3924 (DOMESTIC)
+01-813-248-0585 (INTERNATIONAL)

General Description: Aminofunctional Siloxane
Physical Form: Liquid
Color: Not Available
Odor: Alcoholic odor

NFPA Profile: Health: 2 Flammability: 3 Reactivity: 0

Note: NFPA= National Fire Protection Association

**SECTION II: Hazards Identification**

**POTENTIAL HEALTH EFFECTS**

**Acute Effects**

Eye: Direct contact may cause severe irritation.
Skin: May cause moderate irritation.
Inhalation: Vapor may irritate nose and throat. Overexposure by inhalation may cause drowsiness, dizziness, confusion or loss of coordination.
Oral: Overexposure by ingestion may cause effects similar to those listed under repeated exposure.

**Prolonged/Repeated Exposure Effects**

Skin: Overexposure by skin absorption may injure the following organ(s): eye-retina central nervous system
Inhalation: Overexposure to vapor may cause blindness and nervous system effects due to methyl alcohol poisoning. Overexposure by inhalation may injure the following organ(s): eye-retina central nervous system.
Oral: If swallowed, blindness, even death may result due to methyl alcohol poisoning. Overexposure by ingestion may injure the following organ(s): eye-retina central nervous system.

**Signs and Symptoms of Overexposure**

No known applicable information

**Medical Conditions Aggravated by Exposure**

No known applicable information

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.
SECTION III: COMPOSITION/INFORMATION OF INGREDIENTS

<table>
<thead>
<tr>
<th>CAS number</th>
<th>Wt%</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>69430-37-1</td>
<td>85.0-100.0</td>
<td>Aminoalkoxydimethylpolysiloxane</td>
</tr>
<tr>
<td>67-56-1</td>
<td>3.0-7.0</td>
<td>Methyl Alcohol</td>
</tr>
<tr>
<td>541-02-6</td>
<td>&lt;1.0</td>
<td>Decamethylcyclopentasiloxane</td>
</tr>
</tbody>
</table>

The above components are hazardous as defined in 29 CFR 1910.1200.

SECTION IV: FIRST AIR MEASURES

Eye: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes while holding the eyelid(s) open. If contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

Skin: As quickly as possible remove contaminated clothing, shoes and leather goods (e.g.) watchbands, belts. Quickly and gently blot or brush away excess chemical. Immediately flush with lukewarm gently flowing water for 15 minutes. Completely decontaminate clothing, shoes and leather goods before reuse or discard. Obtain medical attention.

Inhalation: Remove from the source of contamination or move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen. If irritation persists, obtain medical advice.

Oral: Never give anything by mouth if victim is rapidly losing consciousness or convulsing. Have victim rinse mouth thoroughly with water DO NOT INDUCE VOMITING. Have victim drink 2 to 8 oz. (60 to 240mL) of water. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Have victim rinse mouth with water again. Immediately obtain medical attention.

Notes to Physician: Treat same as methyl alcohol poisoning.

SECTION V: FIRE FIGHTING MEASURES

Flash Point (method used): 59.9°F/15.5 °C (Pensky-Martens Closed Cup)
Autoignition Temperature: Not determined.
Flammable Limits in Air: Not determined.
Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards: Vapors are heavier than air and may travel to a source of ignition and flash back. Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Containment/Clean up: Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spill, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You
will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See Section 8 for Personal Protective Equipment for Spills.

SECTION VII: HANDLING & STORAGE

Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Do not breathe vapor. Keep container closed. Do not take internally.

Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks and flame.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Component Name</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>Methyl alcohol</td>
<td>OSHA PEL (final rule): TWA 200 ppm, 260mg/m3 and ACGIH TLV-skin: TWA 200 ppm, STEL 250 ppm.</td>
</tr>
</tbody>
</table>

Engineering Controls

Local Ventilation: Recommended.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use chemical worker’s goggles.
Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.
Suitable Gloves: Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and/or protective clothing to further minimize the potential for skin contact. Consult with your glove and/or personnel protective equipment manufacturer for selection of appropriate compatible materials.
Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respiratory regulations (29CFR 1910.134) and use NIOSH/MSHA approved respirators.

Personal Protective Equipment for Spills

Eyes: Use full face respirator.
Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.
Inhalation/Suitable Respirator: Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Precautionary Measures: Avoid eye contact. Avoid skin contact. Do not breathe vapor. Keep container closed. Do not take internally. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Corning customer service group.

SECTION IX: PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcoholic odor</td>
</tr>
<tr>
<td>Specific Gravity @ 25°C</td>
<td>0.985</td>
</tr>
<tr>
<td>Viscosity</td>
<td>40 cSt</td>
</tr>
<tr>
<td>Freezing/Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>64.6°C</td>
</tr>
<tr>
<td>Vapor Pressure @ 25°C</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Volatile Content</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Note: The above information is not intended for use in preparing product specifications.

SECTION X: STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Hazardous Polymerization will not occur</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None</td>
</tr>
<tr>
<td>Materials to Avoid</td>
<td>Oxidizing material can cause a reaction.</td>
</tr>
</tbody>
</table>

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde.

SECTION XI: TOXICOLOGY INFORMATION

Component Toxicology Information

Results from a 2 year repeated vapour inhalation exposure study to rats of decamethylcyclopentasiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. This finding occurred at the highest exposure dose (160 ppm) only. Studies to date have no demonstrated if this effect occurs through a pathway that is relevant to humans.

Based on the available information on its potential to cause harm to human health, Health Canada, in a 2008 screening assessment, has concluded that D5 is not entering the environment in a quantity or concentration or under conditions that constitute or may constitute a danger to Canada to human life or health (http://www.ec.gc.ca/substances/ese/eng/challenge/batch2/batch2_541-02-6.cfm).

Special Hazard Information on Components

No known applicable information.
**Environmental Fate and Distribution**
Complete information is not yet available.

**Environmental Effects**
Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**
Complete information is not yet available.

### Ecotoxicity Classification Criteria

<table>
<thead>
<tr>
<th>Hazard Parameters (LC50 or EC50)</th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Aquatic Toxicity (mg/L)</td>
<td>&lt;=1</td>
<td>&gt;1 and &lt;=100</td>
<td>&gt;100</td>
</tr>
<tr>
<td>Acute Terrestrial Toxicity</td>
<td>&lt;=100</td>
<td>&gt;100 and &lt;=2000</td>
<td>&gt;2000</td>
</tr>
</tbody>
</table>

This table is adapted from “Environmental Toxicology and Risk Assessment”, ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

**SECTION XIII: DISPOSAL CONSIDERATIONS**

**RCRA Hazard Class (40 CFR 261)**
When a decision is made to discard this material, as received, is it classified as a hazardous waste? Yes

Characteristic Waste:
- Ignitable: D001

State or local laws may impose additional regulatory requirements regarding disposal.

**SECTION XIV: TRANSPORT INFORMATION**

**DOT Road Shipment Information (49 CFR 172.101)**

- Proper Shipping Name: Flammable liquids, n.o.s.
- Hazard Technical Name: Aminomethoxypolysiloxane/Methanol
- Hazard Class: 3
- UN/NA Number: UN 1993
- Packing Group: II
- Hazard Label (s): Flammable Liquid

**Ocean Shipment (IMDG)**

- Proper Shipping Name: Flammable liquids, n.o.s.
- Hazard Technical Name: Aminomethoxypolysiloxane/Methanol
- Hazard Class: 3
- UN/NA Number: UN 1993
- Packing Group: II
- Hazard Label (s): Flammable Liquid
- Marine Pollutant: Aminomethoxypolysiloxane

**Air Shipment (IATA)**

- Proper Shipping Name: Flammable liquids, n.o.s.
- Hazard Technical Name: Aminomethoxypolysiloxane/Methanol
- Hazard Class: 3
- UN/NA Number: UN 1993
- Packing Group: II
- Hazard Label (s): Flammable Liquid

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355):
None

Section 304 CERCLA Hazardous Substances (40 CFR 302):

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt%</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>4.0</td>
<td>Methyl alcohol</td>
</tr>
</tbody>
</table>

Section 311/312 Hazard Class (40 CFR 370):
Acute: Yes
Chronic: Yes
Fire: Yes
Pressure: Yes
Reactive: no

Section 313 Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt%</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>4.0</td>
<td>Methyl alcohol</td>
</tr>
</tbody>
</table>

Note: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

Supplemental State Compliance Information

California
Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt%</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>3.0000-7.0000</td>
<td>Methyl alcohol Developmental toxin</td>
</tr>
</tbody>
</table>

New Jersey

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt%</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>69430-37-1</td>
<td>85.0-100.0</td>
<td>Aminoalkoxydimethylpolysiloxane</td>
</tr>
<tr>
<td>67-56-1</td>
<td>3.0-7.0</td>
<td>Methyl alcohol</td>
</tr>
<tr>
<td>541-02-6</td>
<td>&lt;1.0</td>
<td>Decamethyldicyclopentasiloxane</td>
</tr>
<tr>
<td>None</td>
<td>&lt;1.0</td>
<td>Dimethyldicyclosiloxanes</td>
</tr>
</tbody>
</table>

Pennsylvania

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt%</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>69430-37-1</td>
<td>85.0-100.0</td>
<td>Aminoalkoxydimethylpolysiloxane</td>
</tr>
<tr>
<td>67-56-1</td>
<td>3.0-7.0</td>
<td>Methyl alcohol</td>
</tr>
</tbody>
</table>

SECTION XVI: OTHER INFORMATION

These data are offered in good faith as typical values are not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.