SAFETY DATA SHEET


1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>FUNCTIONAL V – 298</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMICAL FAMILY</td>
<td>POLYISOBUTYLENE IN MINERAL OIL</td>
</tr>
<tr>
<td>PRODUCT USE</td>
<td>TACKIFIER FOR LUBRICANTS</td>
</tr>
<tr>
<td>CAS REGISTRY NUMBER</td>
<td>MIXTURE</td>
</tr>
<tr>
<td>REVISION DATE</td>
<td>August 1, 2012</td>
</tr>
</tbody>
</table>

MANUFACTURER / SUPPLIER
FUNCTIONAL PRODUCTS INC.
8282 Bavaria Road
Macedonia, Ohio 44056, USA
Tel: 330-963-3060
Fax: 330-963-3322

2. HAZARDS IDENTIFICATION

EYES: Mildly irritating to eyes.
SKIN: Prolonged or repeated contact with skin may cause mild irritation and possible dermatitis.
INGESTION: Low toxicity on ingestion.
INHALATION: If heated, sprayed or misted, this product may cause chemical pneumontis.
CARCINOGENICITY: Not listed as a carcinogen.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE/ PREPARATION</th>
<th>% (w/w)</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETROLEUM OIL</td>
<td>90 – 100</td>
<td>64742-46-7</td>
</tr>
<tr>
<td>POLYISOBUTYLENES</td>
<td>0 – 10</td>
<td>9003-27-4</td>
</tr>
</tbody>
</table>
4. FIRST-AID MEASURES

INHALATION: If inhaled, remove to fresh air. Get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: If affected person is conscious, give plenty of water to drink. Never give anything to drink to an unconscious person. Get medical attention if symptoms appear. Do not induce vomiting.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops.

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 135º C / 275º F
UPPER FLAMMABLE LIMIT: Not determined.
LOWER FLAMMABLE LIMIT: Not determined.

HAZARDOUS COMBUSTION PRODUCTS
OXIDES OF CARBON, SMOKE AND FUMES.

FIRE-FIGHTING PROCEDURES Recommended wearing self-contained breathing apparatus and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Personal Protective Equipment must be worn. Keep unnecessary personnel away.

CLEAN UP METHODS Spills should be contained, absorbed and containerized for disposal in accord with local, state and federal regulations. Prevent entry to sewers and water-way.

7. HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: Keep container tightly closed, in cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use with adequate ventilation.
HANDS: Use chemical resistant, impervious gloves.
EYES: Use safety glasses, goggles or face mask.
CLOTHING: Long sleeve shirt is recommended.
RESPIRATORY SYSTEM Use appropriate respiratory protection.
9. **PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Water White to Pale Yellow</td>
</tr>
<tr>
<td>Odor:</td>
<td>Mild petroleum odor.</td>
</tr>
<tr>
<td>Density:</td>
<td>0.83 – 0.88 g / cm³ at 15 deg C (59 Deg F)</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>N / A</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>&lt; 0.1</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

10. **STABILITY AND REACTIVITY**

| Stability:                 | The product is stable.                                                |
| Incompatibility:           | Strong oxidants and reducing agents.                                 |
| Conditions to Avoid:       | Not known.                                                            |

11. **TOXICOLOGICAL INFORMATION**

| Sensitization:             | Based on current information, there is no known human sensitization associated with this product. |
| Mutagenicity:              | Experimental evidence suggests that this product do not cause mutagenesis. |
| Carcinogenicity:           | Not classified or listed by IARC, NTP, OSHA, EU, and ACGIH.            |
| Teratogenicity             | Based on best current information, there is no known teratogenicity associated with this product. |
| Reproductive Toxicity:     | Based on best current information, there is no known reproductive toxicity associated with this product. |

12. **ECOLOGICAL INFORMATION**

| Environmental Hazards:     | Not available                                                        |
| Fish Toxicity:             | Not available                                                        |
| Algae Toxicity:            | Not available                                                        |
| Bacteria Toxicity:         | Not available                                                        |
13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORTATION INFORMATION

U.S DOT BULK Not regulated.
U.S. DOT NON-BULK Not regulated.
IMDG CODE Not regulated.
ICAO Not regulated.
ADR/RID HAZARD CLASS Not regulated.

15. REGULATORY INFORMATION

U.S.TSCA INVENTORY Yes
Other TSCA Reg. No
SARA EXT. HAZ. SUBS. No
SARA Section 313 No
CERCLA No
CAL. PROP. 65 No

JAPAN MITI
All components are listed on MITI inventory.

AUSTRALIA
All components are listed on AICS inventory.

EUROPE
Petroleum oil is listed on EINECS inventory.
Polymers are exempt from EINECS inventory under the polymer exemption.

CHINA
All components are listed on China’s inventory.

CANADA
All components are listed on DSL inventory.
WHMIS – not controlled.

KOREA
All components are in compliance in Korea.

NEW ZEALAND
All components are listed on NZIoC inventory.

PHILIPPINES
All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act Of 1990 (R.A. 6969).

16. OTHER INFORMATION

NFPA CODE Health: 1 Fire: 1 Reactivity: 0
HMIS CODE Health: 1 Fire: 1 Reactivity: 0

The information presented herein has been compiled from sources considered to be dependable and are accurate to the best of FUNCTIONAL PRODUCTS INC. knowledge. However FUNCTIONAL PRODUCTS INC. makes no warranty whatsoever and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.