

## **SAFETY DATA SHEET**

According to REACH, Commission Regulation (EU) 2015/830 of 28 May 2015

---

### **Section 1: PRODUCT AND COMPANY IDENTIFICATION**

---

Product Name	<b>FUNCTIONAL V – 380</b>
Chemical Family	Oil Solution of Hydrocarbon Polymer
Product Use	Tackifier – Lubricant Additive
CAS Registry Number	Mixture
Revision Date	June 15, 2017

Manufacturer: Functional Products, Inc.  
8282 Bavaria Road  
Macedonia, Ohio 44056, USA  
Tel (USA): + 1 330-963-3060  
Fax (USA): + 1 330-963-3322  
E-mail: [SDS@functionalproducts.com](mailto:SDS@functionalproducts.com)

European Supplier: Lumar Quimica S.L.U.  
Milanesat, 25-27, 4t. 1a.  
08017 Barcelona  
Spain  
Tel: + 34 93 594 75 00  
Fax: + 34 93 594 75 01  
E-mail: [lumar@lumarquimica.com](mailto:lumar@lumarquimica.com)

Emergency Phone Numbers:  
United States: + 330-963-3060 (8:00AM-5:00PM EST)  
Europe + 34 93 594 75 00 (08:00 -13:00 14:00-17:00)  
France (ORFILA): + 33 (0)1 45 42 59 59

---

### **Section 2: HAZARDS IDENTIFICATION**

---

This material is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

According to Regulation (EC) N<sup>o</sup> 1272/2008 [CLP]

This is not a hazardous substance or mixture according Regulation (EC) No. 1272/2008.  
No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC

This is not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

This material has no known hazards, if the regulations/notes for storage and handling are considered and followed.

## 2.2 LABEL ELEMENTS

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

According to Regulation (EC) N° 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with Regulation (EC) No. 1272/2008.

According to Directive 67/54//EEC or 1999/45/EC

European Economic Community (EEC) Directives

The product does not require a hazardous warning label in accordance with EEC Directives.

## 2.3 OTHER ELEMENTS

If it is applicable, information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

According to Regulation (EC) No. 1272/2008 [CLP]

This material has no known hazards

---

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

---

Substance/ Preparation	% (w/w)	CAS #
Petroleum Hydrocarbon	80 – 100	64742-54-7
Polyisobutylenes	0 – 10	9003-27-4
Hydrocarbon Derivatives	0 – 10	Proprietary

---

## Section 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.
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.

---

**Section 5: FIRE-FIGHTING MEASURES**

---

Flash Point:	190° C / 374° F
Upper Flammable Limit:	Not determined.
Lower Flammable Limit:	Not determined.
Extinguishing Media:	In case of fire, use water, foam dry chemicals or CO <sub>2</sub> .
Fire-Fighting Procedures:	Recommended wearing self-contained breathing apparatus and full turnout gear.

---

**Section 6: ACCIDENTAL RELEASE MEASURES**

---

Personal Precautions:	Personal Protective Equipment must be worn. Keep unnecessary personnel away. Ventilate area and avoid breathing vapor or mist.
Environmental Precautions And 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.

---

**Section 7: HANDLING AND STORAGE**

---

Handling:	Avoid contact with eyes and skin, Wash thoroughly after handling. Avoid breathing vapor or dust. Keep away from heat, sparks and flames.
Storage:	Keep container tightly closed, in cool, well-ventilated and dry area.

---

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

---

Ventilation:	Use with adequate ventilation to control fumes.
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 if there is any potential for uncontrolled release or exposure levels are not known.

---

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

---

Physical State:	Liquid
Color:	Slight yellow
Odor:	Mild
Specific Gravity:	0.83 (water=1)
Density:	6.9 lb/gal
Solubility:	Negligible
Vapor Pressure:	Less than 0.1 kPa @ 68°F (20°C)
Flash Point:	190°C

---

**Section 10: STABILITY AND REACTIVITY**

---

Stability:	The product is stable.
Incompatibility:	Strong oxidants.
Conditions To Avoid:	Excessive temperature.
Hazardous Decomposition:	CO, organic oxidation products.
Polymerization:	Polymerization will not occur.

---

**Section 11: TOXICOLOGICAL INFORMATION**

---

**ACUTE EXPOSURE**

Oral Toxicity:	No data available.
Eye Irritation:	No data available.
Skin Irritation:	No data available.
Dermal Toxicity:	No data available.
Inhalation Toxicity:	No data available.

**CHRONIC EXPOSURE**

Chronic Toxicity:	No data available.
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Reproductive Toxicity:	No data available.

---

**Section 12: ECOLOGICAL INFORMATION**

---

Environmental Hazards:	No data available.
Environmental Fate:	No data available.
Fish Toxicity:	No data available.
Algae Toxicity:	No data available.
Bacteria Toxicity:	No data available.

---

**Section 13: DISPOSAL CONSIDERATIONS**

---

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

---

**Section 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.

---

**Section 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:	Listed - MITI
Australia:	Listed - AICS
Europe:	Listed - EINECS Polymers are exempt from EINECS inventory under the polymer exemption.
China	Listed - IECSC
Canada	Listed - DHL WHMIS – not controlled.
Korea	Listed - KECI
New Zealand	Listed - NZIoC
Philippines	Listed - PICCS

---

**Section 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 at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety data sheet contains information relating to safety only and does not replace any product information or product specification. Suggestions or applications are only opinions. Users are responsible for determining the suitability of this material for their own particular purpose. 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.