

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION****PRODUCT****Product Name:** TP-2530 Polyurea grease**Product Description:** Synthetic lubricating grease**Intended Use:** Industrial machinery lubrication**COMPANY IDENTIFICATION****Supplier:** Tom-Pac Inc

3571 Ashby

Saint Laurent, QC

H4R 2K3

**Product Information & Contact** (514) 332-4763**SECTION 2 HAZARDS IDENTIFICATION****GHS Classification:**

Skin Corrosion/Irritation Category 3

**GHS Label Elements:****Hazard Pictograms:** None**Signal Word:** Warning**Hazard Statements:** H316 Causes mild skin irritation**Precautionary Statements:**

P260 Do not breathe dust, mist, or vapors.

P273 Avoid release to the environment.

P281 Use personal protective equipment as required.

P314 Get medical attention if you feel unwell.

P402 + P404 Store in a dry place, in a closed container.

**Other hazard information:****HAZARD NOT OTHERWISE CLASSIFIED (HNOC):** This product has not been found to pose any significant risk**NFPA Hazard ID:** Health: 1 Flammability: 1 Reactivity: 0**HMIS Hazard ID:** Health: 1 Flammability: 1 Reactivity: 0**NOTE:** This material should not be used for any other purpose than the intended use in Section 1.**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

This material is defined as a mixture. Contains synthetic hydrocarbons.

**SECTION 4 FIRST AID MEASURES****Eye Contact:** Flush thoroughly with clear water for 15 minutes or until irritation subsides. Contact physician.**Skin Contact:** Wash with soap and water. Remove any contaminated clothing and wash with soap and warm water. Get medical attention if symptoms occur.**Inhalation:** Move to fresh air and refer to a physician for treatment.**Injection:** Consult physician immediately.**Ingestion:** Contact physician immediately.**Other:** Exercise ordinary measures of personal hygiene.**SECTION 5 FIRE FIGHTING MEASURES****Extinguishing Media:** Dry chemical, CO<sub>2</sub>, foam, or sand/earth.**Unusual Fire or Explosion Hazards:** Dense smoke can form in a fire. Do not store or mix with strong oxidizers. Empty containers contain residue. Do not cut, drill, grind, or weld as they may explode.**Special Fire-Fighting Measures:** Avoid smoke inhalation. Water or foam may cause frothing. Cool exposed containers with water. Use air supplied rescue equipment for enclosed areas.**Hazardous Combustion Products:** Incomplete combustion products, Oxides of carbon, Smoke, Fume, No<sub>2</sub>**FLAMMABILITY PROPERTIES****Flash Point [Method]:** >200°C (392°F) [ASTM D-93]**Flammable Limits (Approximate volume % in air):** LEL: N/D UEL: N/D

**Autoignition Temperature:** N/D

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Wipe or scrape up spillage and place it in a container for disposal. Product may be absorbed with an inert material such as sand, soil, or vermiculite. Wash walking surfaces thoroughly with detergent and water to reduce slipping hazard. Keep petroleum products out of sewers and water courses. Advise authorities if product has or may enter sewers or water courses.

## **SECTION 7 HANDLING AND STORAGE**

### **HANDLING**

Take note of protective clothing recommendations. Avoid contact with skin and eyes. Use with adequate ventilation.

### **GENERAL HYGIENE ADVICE**

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking

### **STORAGE**

Keep container closed and in a dry, well-ventilated place. Temperatures exceeding 150°C can evolve fumes. Temperatures exceeding 60°C can result in undesirable (not dangerous) interactions with a polyethylene drum liner.

## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Control Parameters**

Exposure Guidelines: Particulates Not Otherwise Regulated (PNOR)

OSHA PEL: 15 mg/m<sup>3</sup> (Total Dust), 5 mg/m<sup>3</sup> (Respirable Particulate)

ACGIH TLV: 10 mg/m<sup>3</sup> (Inhalable Particulate)

### **Exposure Controls**

Ventilation: None required unless mists, smoke or vapors are produced at high temperatures.

### **Personal Protective Equipment**

**Goggles:** Safety glasses recommended.

**Gloves:** Oil resistant gloves recommended, especially to avoid prolonged or repeated skin contact.

**Respirator:** Not required unless mists, smoke or vapors are produced at high temperatures.

**Other:** Use oil resistant apron, if needed.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

## **IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION**

<b>Appearance:</b>	Grease
<b>Color:</b>	Off White
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not available
<b>Physical State:</b>	Solid. Liquid can evolve under certain conditions.
<b>pH:</b>	Not applicable
<b>Melting Point:</b>	>240°C
<b>Initial Boiling Point:</b>	>200°C
<b>Flash Point:</b>	>200°C
<b>Auto-ignition Temperature:</b>	>200°C
<b>Evaporation Rate:</b>	Negligible

<b>Lower Explosive Limit:</b>	Not available
<b>Upper Explosive Limit:</b>	Not available
<b>Vapor Pressure:</b>	Negligible
<b>Vapor Density:</b>	Not available
<b>Specific Gravity:</b>	0.88 at 25°C
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Semi-solid. Viscosity is affected by shear rate.

## SECTION 10 STABILITY AND REACTIVITY

**Reactivity:** Stable

**Hazardous Polymerization:** Will not occur.

**Chemical Incompatibilities:** Avoid contact with strong oxidants, such as liquid chlorine and concentrated oxygen.

**Hazardous Decomposition Products:** Burning may produce carbon monoxide, carbon dioxide, and other fumes.

**Other:** None

## SECTION 11 TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

#### Hazard Class Conclusion / Remarks

Synthetic hydrocarbon grease: Acute Oral LD50 >2,000 mg/kg (additivity formula)

Acute Dermal LD 50 >2,000 mg/kg (additivity formula)

## SECTION 12 ECOLOGICAL INFORMATION

Synthetic hydrocarbon grease: Toxic to aquatic life (Acute 2) Toxic to aquatic life with long lasting results. (Chronic 3)

## SECTION 13 DISPOSAL CONSIDERATIONS

According to RCRA (40 CFR 261), this material is not hazardous waste when the as received lubricant is discarded. Dispose of in accordance with all local, state, provincial, and federal regulations.

**Empty Container Warning** Empty containers may be combustible. Do not weld, cut or expose to sources of ignition

## SECTION 14 TRANSPORT INFORMATION

**LAND (DOT):** Not Regulated for Land Transport

**LAND (TDG):** Not Regulated for Land Transport

**SEA (IMDG):** Not Regulated for Sea Transport

**Marine Pollutant:** No

**AIR (IATA):** Not Regulated for Air Transport

## SECTION 15 REGULATORY INFORMATION

Contents of this MSDS comply with OSHA HAZARD Communication Standard 29 CFR 1910.1200.

### EPA SARA Title III Chemical Listing:

**Section 313:** No substances with a reportable quantity.

**CERCLA Hazardous Substances:** No substances with a reportable quantity.

**TSCA Status:** All chemical substances listed are included or exempt from listing on TSCA.

**WHMIS:** Not a WHMIS controlled material

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

**SARA (311/312) REPORTABLE GHS HAZARD CLASSES:** None.

**SARA (313) TOXIC RELEASE INVENTORY:** This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

**The following ingredients are cited on the lists below:** None.

**SECTION 16 OTHER INFORMATION**

**MSDS date:** January 2024

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