Tom-Pac® SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION
PRODUCT
Product Name: TP-5400 Sealing Compound
Product Description: Mechanical packing
Intended Use: Stuffing box packing for pumps, mixers And rotating machinery

COMPANY IDENTIFICATION
Supplier: Tom-Pac Inc
3571 Ashby
Saint Laurent, QC
H4R 2K3

Product Information & Contact (514) 332-4763

SECTION 2 HAZARDS IDENTIFICATION
This product is not classified as hazardous under harmonized GHS.
LABEL ELEMENTS
Pictogram: None **Signal Word**: None
Other hazard information:
HAZARD NOT OTHERWISE CLASSIFIED (HNOC): This product has not been found to pose any significant risk
PHYSICAL / CHEMICAL HAZARDS
No significant hazards.
Precautionary statements
Do not ingest.
ENVIRONMENTAL HAZARDS
No significant hazards.
NFPA Hazard ID: Health: 0 Flammability: 1 Reactivity: 0
HMIS Hazard ID: Health: 0 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.
No Hazardous Substance(s) or Complex Substance(s) required for disclosure.

SECTION 4 FIRST AID MEASURES
INHALATION
Under normal conditions of use, this material is not expected to be an inhalation hazard.
Remove from further exposure. Allow victim to rest in well ventilated area. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.

SKIN CONTACT: Wash with soap and water. Hot material will burn on contact, cool contacted area.
EYE CONTACT: Flush thoroughly with water. If irritation occurs, get medical assistance.
INGESTION: Do not induce vomiting. Seek medical attention. Not expected to be a serious hazard in small quantities

SECTION 5 FIRE FIGHTING MEASURES
EXTINGUISHING MEDIA
Suitable Extinguishing Media: Foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
Inappropriate Extinguishing Media: Direct Water streams could spread fire
Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel. Remove containers from area if it can be done safely.
Hazardous Combustion Products: Incomplete combustion products, Oxides of carbon, Smoke, Fume, No2

FLAMMABILITY PROPERTIES
Flash Point [Method]: >250°C (536°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

NOTIFICATION PROCEDURES

In most circumstances the material can be safely and easily collected for disposal. Country regulations may require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks.

PROTECTIVE MEASURES

Avoid contact with spilled material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

SPILL MANAGEMENT

Land Spill: Collect and dispose according to local regulations. Clean any walking areas with mild solvent that may have become slick to reduce chance of a falling injury.
Water Spill: Stop source of the spill. Collect material on water surface or submerged with netting if possible without risk. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 HANDLING AND STORAGE

HANDLING

Take note of protective clothing recommendations.
Static Accumulator: This material is a static accumulator.

STORAGE

Do not store in unlabeled containers. Do not store near sources of ignition. Keep container dry and closed.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits/standards for materials that can be formed when handling this product: During exposure to high heat conditions, oil evaporation can occur. Limit air concentrations to the recommended amount: 5 mg/m³ - ACGIH TLV (inhalable fraction), 5 mg/m³ - OSHA PEL.
NOTE: Limits/standards shown for guidance only. Follow applicable regulations. No biological limits allocated.

ENGINEERING CONTROLS

No special requirements are noted. Proper workplace airflow and access to fresh air should be considered when using oil products in enclosed environments.

PERSONAL PROTECTION

Gloves should be worn to limit skin contact.
Eye Wear can be used to reduced risk of airborne material contacting eyes.
Respiartory protection is suggested when oil vapor/mist is above workplace safety limit.
Protective clothing recommended when hot material can contact skin.
Eye Protection: If contact is likely, safety glasses with side shields are recommended.

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.

GENERAL INFORMATION

Physical State: fibrous off white compound
Odor: slight petroleum

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 °C): N/D **Flammability (Solid, Gas):** N/A **Flash Point [Method]:** approx 280°C (536°F)
Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D
Autoignition Temperature: N/D **Boiling Point / Range:** N/D **Decomposition Temperature:** N/D
Vapor Density (Air = 1): N/D **Vapor Pressure:** N/D
Evaporation Rate (n-butyl acetate = 1): N/D **pH:** N/A **Log Pow (n-Octanol/Water Partition Coefficient):** N/D
Solubility in Water: Negligible **Viscosity:** N/A **Oxidizing Properties:** See Hazards Identification Section.

OTHER INFORMATION

Freezing Point: N/D **Melting Point:** N/D **Pour Point:** N/A

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY: See sub-sections below.
STABILITY: Material is stable under normal conditions.
CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition.
MATERIALS TO AVOID: Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.
POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Hazard Class Conclusion / Remarks

Inhalation: N/D

Ingestion: Acute Toxicity (Rat): LD50 > 5000 mg/kg Minimally Toxic. Based on bail oil supplier component test data
Skin: Acute Toxicity (Rabbit): LD50 > 2000 mg/kg Minimally Toxic. (Based on base oil supplier data)
Skin Corrosion/Irritation (Rabbit):
Expected to be negligible irritation to skin at ambient temperatures.
Eye: Expected to cause mild, short-lasting discomfort to eyes.
Sensitization: Not expected to be a respiratory sensitizer.
Skin Sensitization: Not expected to be a skin sensitizer.
Aspiration: Not expected to be an aspiration hazard. Based on physicochemical
properties of the material.
Germ Cell Mutagenicity: Not expected to be a germ cell mutagen (Base oil comparative test data).
Carcinogenicity: N/D
Reproductive Toxicity: N/D
Lactation: No end point data for material. Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity (STOT): N/D

OTHER INFORMATION

For the product itself: Synthetic base oils: Not expected to cause significant health effects under conditions of normal use, based on laboratory studies with the same or similar materials. Not mutagenic or genotoxic. Not sensitizing in test animals and humans.
The following ingredients are cited on the lists below: None.

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

No Data Available

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Material – Majority by weight expected to biodegrade slowly.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal must be in accordance with current applicable laws and regulations. Check local regulations for disposal or lubricants / oil products.

DISPOSAL RECOMMENDATIONS

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

REGULATORY DISPOSAL INFORMATION

Check local regulations for disposal of synthetic oil products and lubricants

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

OSHA HAZARD COMMUNICATION STANDARD: This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

Listed or exempt from listing/notification on the following chemical inventories: AICS, DSL, ENCS, IECSC, KECI, PICCS, TSCA

WHMIS: Not a WHIMIS 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

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any patent or in violation of any law or regulation. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material.