



MATERIAL SAFETY DATA SHEET

High-Viscosity Paraffinic Rubber Process Oil

Product name: High-Viscosity Paraffinic RPO

Product type: Refined petroleum mineral oil

Recommended use: Rubber-processing oil and plasticiser

Supplier: Basekim Company

1. Hazard Identification

The product may not be classified as hazardous when it is a highly refined mineral oil with low extractable aromatic content. Final classification depends on the exact refinery grade.

Important hazards:

- Prolonged skin contact may cause dryness or irritation.
- Oil mist may irritate the respiratory tract.
- Hot product may cause thermal burns.
- Spilled oil creates a serious slipping hazard.
- Combustible liquid at elevated temperatures.
- Used oil may contain hazardous contaminants.

2. Composition

Component	Typical Content
Highly refined paraffinic mineral oil	Predominant
Performance additives	Grade-dependent

The CAS number and composition must be confirmed by the manufacturer.

3. First-Aid Measures

Inhalation: Move the person to fresh air. Obtain medical attention if coughing or breathing discomfort continues.

Eye contact: Rinse carefully with clean water for at least 15 minutes.

Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing.



Hot-product contact: Cool the affected area with running water and obtain medical attention.

Ingestion: Rinse the mouth. Do not induce vomiting. Contact a doctor if a significant quantity is swallowed.

4. Firefighting Measures

Suitable extinguishing media:

- Foam
- Dry chemical powder
- Carbon dioxide
- Water fog

Do not use a direct high-pressure water jet.

Burning may produce carbon monoxide, carbon dioxide, smoke and irritating hydrocarbon fumes.

Firefighters should wear protective clothing and self-contained breathing equipment.

5. Accidental Release

- Remove ignition sources.
- Stop the leak when safe.
- Contain with sand, earth or another inert absorbent.
- Collect in a suitable labelled container.
- Clean surfaces completely because the product is slippery.
- Prevent entry into drains, soil and waterways.

6. Handling and Storage

- Use with adequate ventilation.
- Avoid breathing oil mist.
- Avoid prolonged skin contact.
- Keep containers tightly closed.
- Store in a cool, dry and ventilated place.
- Keep away from flames, sparks and strong oxidising agents.
- Use suitable grounding during bulk transfer.
- Do not weld or cut empty containers.



7. Personal Protection

Eyes: Safety glasses or goggles.

Hands: Oil-resistant protective gloves.

Respiratory protection: Normally unnecessary with good ventilation. Use an approved respirator where oil mist is excessive.

Body: Protective work clothing and slip-resistant footwear.

8. Physical and Chemical Properties

Property	Typical Information
Appearance	Clear to pale yellow or amber oily liquid
Odour	Mild petroleum odour
Viscosity	High; grade-dependent
Density	Grade-dependent
Water solubility	Insoluble
Flash point	Normally above 200°C; confirm by COA
Flammability	Combustible at elevated temperature

9. Stability and Reactivity

Stable under normal storage conditions.

Avoid excessive heat, ignition sources and strong oxidising agents.

Thermal decomposition may produce carbon oxides and irritating hydrocarbon fumes.

10. Toxicological Information

Expected to have low acute toxicity when properly refined.

Possible effects include:

- Mild eye irritation
- Skin dryness after repeated contact
- Respiratory irritation from oil mist
- Gastrointestinal discomfort if swallowed



Do not intentionally induce vomiting because aspiration into the lungs may be harmful.

11. Environmental Information

The product is insoluble in water and may form a film on the water surface.

Prevent uncontrolled release into drains, soil and natural waterways.

12. Disposal

Recover or recycle uncontaminated oil where possible.

Dispose of waste oil, absorbents and contaminated packaging through an authorised waste contractor.

Do not discharge into drains or burn in an open fire.

13. Transport Information

The product is generally not regulated as dangerous goods when its flash point and composition meet applicable transport requirements.

Final ADR, IMDG and IATA status must be confirmed from the manufacturer's current SDS.

14. Important Notice

This is a general MSDS draft. Final hazard classification, CAS number, additives, flash point, emergency telephone number and transport status must be confirmed using the manufacturer-issued SDS and batch Certificate of Analysis.