



Product Name: Rubber Process Oil Heavy

Supplier: Basekim

1. Identification

- Product Type: Aromatic / heavy rubber process oil
- CAS Number: typical heavy aromatic RPO CAS ~ 64742-03-7 / 64742-04-7 (confirm with lab)
- Use: Rubber compounding, industrial formulations

2. Composition / Information on Ingredients

- Complex blend of aromatic hydrocarbons / mineral oil distillates
- May contain PAH (polycyclic aromatic hydrocarbons) depending on refining grade

3. Hazard Identification

- Skin Contact: Possible irritation on prolonged or repeated exposure
- Eye Contact: May cause mild irritation
- Inhalation: Fumes or mist (especially when heated) can irritate respiratory tract
- Ingestion: Low acute toxicity but ingestion should be avoided

4. First Aid Measures

- **Eyes:** Wash immediately with plenty of water for 15 minutes; seek medical attention if irritation persists
- **Skin:** Wash with soap and water; remove contaminated clothing; if hot, cool immediately
- **Inhalation:** Move to fresh air; seek healthcare attention if breathing difficulties arise
- **Ingestion:** Do not induce vomiting; get medical attention

5. Fire Fighting Measures

- Suitable Extinguishing Media: Foam, dry chemical powder, carbon dioxide



- Unsuitable Media: Do not use direct water jet which may spread fire
- Specific Hazards: Dense smoke, combustion may produce CO, CO₂, and hydrocarbons
- Protective Equipment: Firefighters should use self-contained breathing apparatus and protective clothing

6. Accidental Release Measures

- Personal Precautions: Avoid contact; wear PPE
- Environmental Precautions: Prevent discharge into drains or watercourses
- Methods for Cleanup: Contain spill; use absorbent materials; dispose of in accordance with regulations

7. Handling and Storage

- Handle in well-ventilated area; avoid heat, sparks, open flame
- Store in sealed containers; keep cool and dry; avoid direct sunlight

8. Exposure Controls / Personal Protection

- Engineering Controls: Local exhaust or general ventilation if product heated or mist generated
- PPE: Chemical safety goggles, gloves resistant to hydrocarbons, protective clothing; respiratory protection if needed

9. Physical & Chemical Properties

Property	Typical Value
Appearance	Dark amber to brown viscous liquid
Odor	Aromatic petroleum odor
Flash Point	≥ ~180-230 °C (COC)
Viscosity @100°C	~50-75 cSt
Density @15°C	~1.00-1.05 g/cm ³
Pour Point	~+30-+40 °C
Solubility in Water	Negligible



10. Stability and Reactivity

- Stable under recommended storage and handling
- Avoid strong oxidizing agents; avoid exposure to high heat or ignition sources

11. Toxicological Information

- Repeated skin contact may lead to dermatitis or irritation
- Inhalation of vapor or mist can lead to respiratory irritation
- May contain PAHs; chronic exposure should be assessed

12. Ecological Information

- Low water solubility; may persist in soil or water if spilled
- Toxicity to aquatic organisms possible at high concentrations

13. Disposal Considerations

- Dispose of in accordance with local, national environmental regulations
- Do not release into drains, water bodies, or soil

14. Transport Information

- Not generally regulated as hazardous material for transport
- Container should be properly labelled

15. Regulatory Information

- Subject to local chemical safety and environmental regulations
 - If PAH content exceeds thresholds, additional labelling or handling required
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16. Other Information

- This MSDS is based on typical published data; actual values may vary by production batch
- Always refer to the latest test reports for the specific batch in use