

# Material Safety Data sheet

Product	Appearance	CAS Number
<b>RPO</b>	<b>Black / Dark Green High Viscous Liquid</b>	<b>64741-88-4, 64742-04-7, 64742-54-7, 64742-57-0</b>

## SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Trade Name	:	Rubber Process Oil
Chemical Family	:	Aromatic, Naphthenic, Paraffinic Hydrocarbon
Recommended use	:	Used during mixing of rubber compounds Industries

## SECTION 2 : DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET



## SECTION 3 : HAZARDS IDENTIFICATION

### Hazard Statements

- May be fatal if swallowed and enters airways.
- Repeated exposure may cause skin dryness or cracking.

### Precautionary Statements

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Do NOT induce vomiting.
- Dispose of contents/container according to national regulations and local authorities' advice.

#### Other hazards

- Combustible liquid. Oil mist may irritate the eyes and the respiratory tract.
- Risk of soil and ground water contamination.

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## SECTION 4 : COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical name of the substance** : Aromatic, Naphthenic, Paraffinic Hydrocarbons of the substance

## SECTION 5 : FIRST AID MEASURES

### Description of First Aid measures

<b>Inhalation :</b>	If breathing is difficult, remove person to fresh air and keep at rest in position comfortable for breathing. Get Medical attention if adverse health effects persist or are severe. Always maintain an open airway.
<b>Skin contact :</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, Get Medical attention, Do not wait for symptoms to develop.
<b>Eye contact :</b>	Rinse immediately with plenty of water for several minutes, also under the eyelids. If eye irritation persists, obtain medical advice from a specialist.
<b>Ingestion :</b>	DO NOT INDUCE VOMITING. In case of ingestion, always assume that aspiration has occurred. Consult a physician (risk of aspiration into the lungs especially if nausea or irritation occurs).

### Most important symptoms and effects, both acute and delayed

Aspiration into the lungs can cause fatal chemical pneumonitis. Oil mist may irritate the eyes and the respiratory tract. Prolonged or repeated contact causes drying and irritation of the skin.

### Indication of immediate medical attention and special treatment needed

Aspiration into the lungs can cause fatal chemical pneumonitis

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## SECTION 6 : FIRE FIGHTING MEASURES

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### Extinguishing media

Suitable extinguishing media (Dry powder, carbon dioxide. Sand). Heavy foam and water fog for professional fire-fighters.

### Extinguishing media which must not be used for safety reasons

Water

### Special hazards arising from the substance or mixture

Combustible liquid. Explosion risk due to pressure increase if product containers or tanks are subjected to fire. Strong heating or fire can produce carbon monoxide and other products resulting from incomplete combustion.

### Advice for firefighters

Cool product containers and tanks near the fire with water spray from a sufficiently safe distance.

### Specific methods

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing.

## SECTION 7 : ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures

Eliminate fire risk by keeping ignition sources out of the area. Evacuate people upwind from the spill area. Wear adequate protective equipment at all operations.

### Environmental precautions

Try to restrict the release and prevent spread of the product into the environment. Collect liquid before it spreads into drains, the ground and waters. In case of spill, immediately contact local authorities. Risk of soil and ground water contamination.

### Methods and materials for containment and cleaning up

Safely contain the spill with dikes or other spill response equipment appropriate for petroleum or organic material releases. Spill response materials should be collected for proper disposal.

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## SECTION 8 : HANDLING AND STORAGE

### Precautions for Safe Handling

Handle the product in closed systems or provide sufficient ventilation. Avoid skin contact and inhalation of oil mist. Wear protective equipment when needed. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Spillages make surfaces slippery. During tank operations follow special instructions (risk of oxygen displacement and hydrocarbons). Keep away from fire, sparks and heated surfaces. Take measures to prevent the build-up of electrostatic charge.

### Conditions for safe storage, including any incompatibilities

In a tank or a store suitable for combustible liquids. Take precautionary measures to prevent product spills into drains, the ground or waters. Take precautions against leakage by constructing collecting pools and sewerage systems as well as by surfacing the loading and unloading stations. Retail batches are stored in tightly sealed, labelled containers which are impermeable to the product. Store in accordance with local regulations. Keep in properly labelled containers. Recommended materials for containers or container linings: carbon steel, stainless steel. Some synthetic materials may be unsuitable for containers or container linings depending on the material specification and intended use.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Odor	:	A Mild characteristics Odor of Burning or solvent like
Boiling point	:	> 315°C
Flash point	:	Min. 210°C
Viscosity @ 100°C	:	Min. 20 cSt
Solubility	:	Soluble in Hydrocarbon Solvents Insoluble in Water

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## **SECTION 10 : STABILITY AND REACTIVITY**

### **Reactivity**

No dangerous reaction known under conditions of normal use.

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

None known.

### **Conditions to avoid**

Keep away from fire, sparks and heated surfaces.

### **Incompatible materials**

Oxidizing agents

### **Hazardous decomposition products**

No hazardous decomposition products are known.

## **SECTION 11 : DISPOSAL CONSIDERATIONS**

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

### **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**

Disposal of unused product may be subject to RCRA regulations (40 CFR 261). Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by the Toxicity Characteristic Leaching Procedure (TCLP). Potential RCRA characteristics: IGNITABILITY.

### **Empty Container Warning**

Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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## SECTION 12 : TRANSPORT INFORMATION

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UN Number	:	1993
Road (ADR) / Rail (RID)/ River (ADNR)	:	Not regulated
Marine (IMO-IMDG)	:	Not regulated
Airline (ICAO / IATA)	:	Not regulated

## SECTION 13 : OTHER INFORMATION

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This product is supplied on the understanding that it will be used in the manner and for the purpose(s) specified in the product data sheet, the user having taken all precaution stimulated. Failure to follow such direction may adversely affect any rights that the user might have against the company. Before application other than as directed, advice must be obtained from the company.

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### MSDS Preparation

Sources Used	:	M.S.D.S. of product Components and similar products.
Prepared By	:	Product safety & Quality control department.
Last Revised Date	:	January 20, 2025