

# SAFETY DATA SHEET (SDS)

## Petroleum Putty

### Cold-Applied Self-Supporting Anti-Corrosion Mastic

Complies with GHS (Rev.9) and OSHA HCS 29 CFR 1910.1200

#### SECTION 1: IDENTIFICATION

<b>Product Name</b>	Petroleum Putty
<b>Product Description</b>	A putty-like filler composed of petrolatum, polymer beads, and siliceous fillers reinforced with fibers.
<b>Recommended Use</b>	Corrosion protection for irregular steel components (valves, flanges, joints) in Oil & Gas, Chemical, Nuclear, Pharmaceutical, and Marine industries.
<b>Manufacturer</b>	Shandong Quanmin Plastic Co., Ltd.
<b>Address</b>	North of Tuo Si Joint Station, Shengli Oil Production Plant, Dongying City, Shandong Province, China.
<b>Contact Number</b>	+86-546-8740309

#### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:** Not classified as hazardous according to OSHA Hazard Communication Standard or EU CLP Regulation.

**Physical Hazards:** Non-flammable under normal conditions. Does not pose an explosion hazard.

**Health Hazards:** None expected under normal use.

- **Skin:** Generally non-irritating. Extremely tacky.
- **Eyes:** May cause mechanical irritation if direct contact occurs.

#### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

**Note:** This product is a physical condensation (compounded blend) of the following materials:

Component	CAS No.	Function
Petrolatum (Vaseline)	8009-03-8	Base Matrix / Moisture Barrier
Porous Polymer Beads	Proprietary	Lightweight Filler / Structure
Inert Siliceous Fillers	7631-86-9 / Mixed	Mechanical Stability
Vegetable Fibers	N/A	Reinforcement / Self-supporting
Corrosion Inhibitors	Trade Secret	Chemical Protection
Preservatives	Trade Secret	Microbial Resistance

## SECTION 4: FIRST AID MEASURES

- **Skin Contact:** Product is very tacky. Wipe off with a cloth or paper towel. Wash with soap and water or a specialized waterless hand cleaner.
- **Eye Contact:** Flush with water for 15 minutes. Seek medical attention if irritation persists.
- **Inhalation:** Unlikely route of exposure. If exposed to fumes from overheating, move to fresh air.
- **Ingestion:** Low toxicity. Do not induce vomiting. Seek medical advice.

## SECTION 5: FIREFIGHTING MEASURES

**Extinguishing Media:** Dry chemical, Carbon Dioxide (CO<sub>2</sub>), Foam, or Sand.

**Specific Hazards:** Will burn if involved in a sustained fire. Combustible at high temperatures (>180°C). May release Carbon Oxides (CO, CO<sub>2</sub>) during combustion.

**Protection:** Firefighters should wear Self-Contained Breathing Apparatus (SCBA).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Cleanup:** Scrape up the mastic using a shovel or spatula. Place in a suitable container for disposal. This material is a solid putty and will not flow into drains under normal temperatures.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Apply cold. Use gloves if desired to prevent sticking to hands. Avoid contact with eyes.

**Storage:** Store in a cool, dry area in original packaging. Keep away from direct heat sources and open flames. Recommended storage temperature: -5 °C to 45°C.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Controls</b>	No special ventilation required for outdoor or well-ventilated indoor use.
<b>Hand Protection</b>	Protective gloves (e.g., Nitrile) are recommended to maintain hygiene. <ul style="list-style-type: none"><li>• <b>Respiratory Protection:</b> Not required.</li><li>• <b>Eye Protection:</b> Safety glasses if applying in overhead positions.</li></ul>

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Soft paste / Putty	<b>Color</b>	Brownish / Greenish / Gray
<b>Odor</b>	Slight grease odor	<b>Flash Point</b>	> 180 °C
<b>Specific Gravity</b>	1.2 - 1.35 g/cm <sup>3</sup>	<b>Solubility</b>	Insoluble in water
<b>Consistency</b>	Self-supporting / Non-sag	<b>VOC Content</b>	0% (Solvent-free)

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions. Does not harden or cure (remains permanently plastic).

**Incompatibility:** Avoid strong oxidizing agents.

**Conditions to Avoid:** Extreme heat (>150°C for prolonged periods).

## SECTION 11: TOXICOLOGICAL INFORMATION

The components are generally considered non-toxic. Petrolatum used is of high purity and not classified as carcinogenic.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Ecotoxicity Effects on aquatic organisms:** The product is almost insoluble in water, resulting in minimal acute or chronic chemical toxicity to fish, water fleas, and algae.

**Physical risk:** Despite low chemical toxicity, if large amounts of tape or vaseline components enter water bodies, their greasy/viscous physical properties may cause physical coating on aquatic organisms or waterfowl, affecting their respiration, movement, or insulation capacity.

**12.2 Persistence and Degradability Vaseline/Mineral Oil:** Vaseline consists of a mixture of high-molecular-weight saturated hydrocarbons, exhibiting extreme stability and resisting biodegradation in the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Not classified as hazardous waste. Dispose of in accordance with local industrial waste regulations. Can typically be disposed of in a managed landfill.

## SECTION 14: TRANSPORT INFORMATION

**DOT / IMDG / IATA:** Not regulated as a dangerous good for transport. No special labeling required for sea, land, or air freight.

## SECTION 15: REGULATORY INFORMATION

- **TSCA:** All components are listed or exempt.
- **REACH:** Compliant. Does not contain SVHC (Substances of Very High Concern).
- **Applications:** Suitable for Oil & Gas, Nuclear, Marine, and Infrastructure environments.

## SECTION 16: OTHER INFORMATION

**HMIS Rating:** Health: 0 | Flammability: 1 | Physical Hazard: 0

**Prepared by:** Technical Quality Department, Shandong Quanmin Plastic Co., Ltd.

**Date of preparation:** 26 January 2026

**Statement :** The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. It is designed only as a guidance for safe handling and use.