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Safety Data Sheet Pol-E-Flake

Section 1 Product Description

CHEMICAL NAME: **POLYETHYLENE TEREPHTHALATE (PET)**

CAS NO.: **25038-59-9 (BASE POLYMER)**

PRODUCT USE: **Oilwell Compound**

TSCA Inventory Status: **ALL REPORTABLE INGREDIENTS ARE LISTED IN THE CHEMICAL SUBSTANCE INVENTORY.**

Issued by: **Johnnie Kelley, COO**

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Section 2 Hazard(s) Identification

ADDITIVES NOT HAZARDOUS BY 29 CFR 1910.1200)

SECTION 3 Composition/Information on Ingredients

Chemical characterization (eventually with synonyms): **Polyethyleneterephthalate**

IDENTITY	CAS#	CONCENTRATION TVL	(TWA)
NA	NA	NA	NA

Section 4 First-Aid Measures

- **If exposed to fumes from overheating, move to fresh air. Consult a physician if symptoms persist.**
- **Wash skin with soap and plenty of water.**
- **Flush eyes with water. Consult a physician if symptoms persist.**
- **If molten polymer contacts skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention to thermal burn.**

Chronic Effects: NONE KNOWN.

Medical Conditions Generally Aggravated by this Material: NONE KNOWN.

SECTION 5 Fire Fighting Measures

Flash Ignition Temperature: 662 F./350 C. Method: ASTM D-1929
Unusual Fire, Explosion Hazards: NONE KNOWN.
Hazardous Combustion Products: AT TEMPERATURES ABOVE 662 F./350 C., HEAVY FUMING, CARBON DIOXIDE AND CARBON MONOXIDE WILL OCCUR.

Special Fire Fighting Instruction: FIRE FIGHTERS AND OTHERS EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS. FIRE FIGHTING EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE.

Extinguishing Media: WATER SPRAY OR ANY CLASS A EXTINGUISHING AGENT.

>= Physical health Hazards:

DUST MAY FORM EXPLOSIVE MIXTURES WITH AIR. AVOID DUST FORMATION AND CONTROL IGNITION SOURCES. ALL PLASTIC DUST PARTICLES SUSPENDED IN AIR ARE COMBUSTIBLE AND MAY BE EXPLOSIVE. KEEP AWAY FROM HEAT, SPARKS, FLAME, AND OTHER IGNITION SOURCES. PREVENT DUST ACCUMULATIONS AND DUST CLOUDS. EMPLOY GROUNDING, VENTING, AND EXPLOSIVE RELIEF PROVISIONS IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND NFPA PROVISIONS IN ANY PROCESS CAPABLE OF GENERATING DUST AND/OR STATIC ELECTRICITY. EXPLOSION HAZARDS APPLY ONLY TO DUSTS, NOT GRANULAR FORMS OF THIS PRODUCT.

Section 6 Accidental Release Measures

Spill or Release: Clean up by vacuuming or wet sweeping to minimize dust exposure.

SECTION 7 Handling and Storage

Dry storage. Keep containers closed to prevent contamination.

SECTION 8 Exposure

EYE: Safety glasses are recommended to prevent particulate matter from entering eyes while grinding.

SKIN:

Ventilation: Local exhaust at processing equipment to keep particulates below 15 mg/m³, the OSHA limit for nuisance dusts.

Respirator: None under normal processing, if ventilation is adequate.

Section 9 Physical and Chemical Properties

APPEARANCE: pale Grey in color.

ODOR: ESSENTIALLY ODORLESS.

MELTING POINT: 225-260 C. / 437-500 F.

SOLUBILITY IN WATER: INSOLUBLE

Volatile Content %: <1%

Specific Gravity: 1.44

SECTION 10 Stability and Reactivity

Stability at Room Temperature: STABLE.
Materials to Avoid: STRONG OXIDENTS AND BASES.
Conditions to Avoid: NONE KNOWN.

SECTION 11 Toxicological Information

Chronic Toxicity: None Known
Medical Conditions: None Known
Carcinogenicity: NONE KNOWN.

Section 12 Ecological Information

AQUATIC TOXICITY: Toxicity is expected to be low based on insolubility of polymer in water.

Section 13 Disposal

WASTE DISPOSAL: Recycling is encouraged, Landfill or incineration in compliance with Federal, State, and Local regulations.

Section 14 Transport Information

DOT HAZARD CLASS: NA
SHIPPING NAME: Pol-E-Flake Oilwell Compound

Section 15 Regulatory Information

This product contains no known toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372.

Section 15B Labeling information

Health	0
Flammability	0
Reactivity	0
PPE	A
#Acute	

Section 16 Other Information

The information set forth herein has been gathered from standard reference materials and/or supplier test data and is, to the best knowledge and belief of WelDril Holdings, LLC, accurate and reliable. Such information

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