

MATERIAL SAFETY DATA SHEET

Polypropylene Fibers for Loss Circulation Material

MSDS No. 2001 PP Fibers

1.0 PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:

Territory Energy Services
2920 Egypt Rd
ADA, OK, 74820

2.0 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product has been evaluated and does not require a hazard warning on the label under OSHA criteria. It is an article and, as such, is excluded per 29 CFR 1910.1200(b)(6)(v) of the OSHA Hazard Communication Standard.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in the eye.

SKIN CONTACT: No significant health hazards identified. Particles or fibers may cause slight discomfort similar to rubbing sand against the skin.

INHALATION: No significant irritation expected other than possible mechanical irritation.

INGESTION: No significant health hazards identified.

HMIS CODE: (Health: 0) (Flammability: 1) (Reactivity: 0)

NFPA CODE: (Health: 0) (Flammability: 1) (Reactivity: 0)

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS#	RANGE % BY WT.
Polypropylene	9003-07-0	98 - 99.9
Lubricants: Fatty acids and/or esters	Blend	0.2 - 2
Additives	Proprietary	0 - 1

4.0 FIRST AID MEASURES

EYE: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

SKIN: Wash exposed skin with soap and water. Get medical attention if irritation develops.

Polypropylene	9003-07-0	OSHA TOTAL DUST: 15 mg/m ³ (particulate NOC) OSHA RESPIRABLE DUST: 5 mg/m ³ (Particulate NOC) ACGIH TLV-TWA: 10 mg/m ³ (total dust) (particulate NOC)
Lubricants: Fatty acids and/or esters	Blend	No exposure limit established
Additives	Proprietary	No exposure limit established

9.0 CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Fibrous materials packaged in paper bags. Odorless.

COLOR: White, natural, light gray fibers

pH: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

BOILING POINT: Not applicable

MELTING POINT: 320° F (160° C)

SOLUBILITY IN WATER: Negligible, below 0.1%

SPECIFIC GRAVITY (WATER = 1): 0.9

10.0 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None identified

MATERIALS TO AVOID: None identified

HAZARDOUS DECOMPOSITION: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

HAZARDOUS POLYMERIZATION: Will not occur

11.0 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA:

EYE IRRITATION: Testing not conducted. See Other Toxicity Data

SKIN IRRITATION: Testing not conducted. See Other Toxicity Data

DERMAL LD50: Testing not conducted. See Other Toxicity Data

ORAL LD50: Testing not conducted. See Other Toxicity Data

INHALATION: If adverse effects occur, remove to uncontaminated area. Get medical attention.

INGESTION: If a large amount is swallowed, get medical attention.

5.0 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.

EXTINGUISHING MEDIA: Agents approved for Class A hazards (e.g., foam, steam) or water fog.

FIRE FIGHTING: Move material from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

SENSITIVITY TO MECHANICAL IMPACT: Not sensitive

SENSITIVITY TO STATIC DISCHARGE: Not sensitive

FLASH POINT: > 600°F (315°C)

UNUSUAL FIRE AND EXPLOSION HAZARDS: None identified.

FIRE-FIGHTING EQUIPMENT: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

6.0 ACCIDENTAL RELEASE MEASURES

Contain and remove by mechanical means

7.0 HANDLING AND STORAGE

HANDLING: No special requirements.

STORAGE: No special requirements.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE: None required; however, use of eye protection is good industrial practice.

SKIN: None required; however, use of protective gloves/clothing is good industrial practice.

INHALATION: None required, however, use of adequate ventilation is good industrial practice.

ENGINEERING CONTROLS:	CAS#	Exposure Limits
Control airborne concentrations below the exposure guidelines. COMPONENT		

INHALATION LC50: Testing not conducted. See Other Toxicity Data

OTHER TOXICITY DATA: Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience

12.0 ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this material.

13.0 DISPOSAL INFORMATION

Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

14.0 TRANSPORTATION INFORMATION

U.S. DEPT OF TRANSPORTATION

Shipping Name: Not Regulated

INTERNATIONAL INFORMATION:

Sea (IMO/IMDG)

Shipping Name: Not Regulated

Air (ICAO/IATA)

Shipping Name: Not Regulated

European Road/Rail (ADR/RID)

Shipping Name: Not Regulated

Canadian Transportation of Dangerous Goods

Shipping Name: Not Regulated

15.0 REGULATORY INFORMATION

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4): This product is not reportable under 40 CFR Part 302.4

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370): This product is not regulated under SARA Title III Section 311/312.

SARA TITLE III SECTION 313 (40 CFR Part 372): This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

CANADIAN REGULATIONS:

CONTROLLED PRODUCTS REGULATIONS (CPR): This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR), and the MSDS contains all the information required by CPR.

WHMIS CLASSIFICATION: Not a Controlled Product under Canada's Workplace Hazardous Materials Information System.

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): Listed on inventory.

EC INVENTORY (EINECS/ELINCS): Not determined

JAPAN INVENTORY (MITI): Not determined

AUSTRALIA INVENTORY (AICS): In compliance

KOREA INVENTORY (ECL): Not determined

CANADA INVENTORY (DSL): In compliance
