



**WelDril Holdings, LLC**

600 East Franklin

Haskell, OK 74436

**Emergency Telephone (800) 247-9433**

Fax (918) 686-8785

WelDril.com

**Safety Data Sheet**

**WelPAN**

## Section 1 Product Description

**Product Name:** Pan Fiber  
**CAS Number:** 25014-41-9  
**Recommended Use:** Oilfield LCM

## Section 2 Hazard Identification

**2.1 Class Name of Hazardous Chemicals:** Non-Hazardous Material

**2.2 Physical & Chemical Hazards:** N/A

**2.3 Adverse Human Health Effects:**

Acute Toxic Substance: No Case of Disease, which is caused by Acrylic Fiber, has been reported.

**2.4 Environmental Effects:** NA

**2.5 Health Hazard Data:**

**Primary Route of Entry:** Inhalation, Eyes, Dermal, Ingestion

**Effects of Over Exposure:**

**Inhalation:** No significant irritation expected other than possible mechanical irritation

**Eyes:** No significant health hazards identified. May cause slight discomfort or irritation

**Skin Contact:** No significant health hazards identified. May cause slight discomfort or irritation.

**Ingestion:** Not likely source due to physical nature of material

**Chronic:** Product does not contain carcinogenic materials as defined by OSHA Communication Act 1910.1200.

## Section 3 Composition / Information on Ingredients

**3.1 Common Name:** Acrylic Fiber

**3.2 Chemical Name:** Polyacrylonitrile Fiber

### 3.3 Composition:

Chemical Name	Comp (%)	Chemical Formula	CAS No.
Acrylic Fiber	95-100	Non Disclosed	25014-41-9
Oil-Based Component	0-5	Non Disclosed	Registered

## Section 4 First Aid Measures

### 4.1 Inhalation:

Consult a physician immediately if feeling sick.

### 4.2 Eye Contact:

Gently rinse the affected eyes with clean water for at least 15 minutes. Remove contact lenses if wearing them. Do not let the victim rub their eyes. Arrange for transportation to the nearest medical facility for examination and treatment by a physician as soon as possible.

### 4.3 Skin Contact:

Wash exposed skin with soap and water. Send to physician if skin irritation develops.

### 4.4 Ingestion:

Rinse mouth with water. Give the person one or two glasses of water and try to make the victim vomit. If unsuccessful, seek medical help immediately. (Show SDS to the attending physician.)

## Section 5 Firefighting Procedures

### 5.1 Specific Hazards With Regard To Fire-Fighting Measures:

Toxic gases and fume: Carbon Monoxide, NO<sub>x</sub>, Hydrogen cyanide, Ammonia. Dense smoke will generate if incomplete combustion occurs. Toxic gas might be generated due to heat decomposition/combustion

Apply water from a safe distance to cool and protect surrounding area. Firefighting must be done from the upwind side of the fire.

### 5.2 Extinguishing Media:

Appropriate protective equipment must be worn (e.g. self-contained breathing apparatus and protective suit) as toxic gases/fumes such as carbon monoxide could be generated.

In case of fire, use water spray, foam, dry chemical powder or carbon dioxide.

Dry chemical powder, carbon dioxide or dry sand should be used for small fires

## Section 6 Spill or Leak Procedures

- 6.1 Measures For Handling Personnel:** No special measures required
- 6.2 Measures For Environmental Effects:** No special measures required
- 6.3 Measures When Handling Spilled Substance:** N/A

## Section 7 Special Precautions

- 7.1 Handling:** No special measures necessary
- 7.2 Storage:** Store material in a cool, well ventilated, noncombustible, moisture controlled location away from all possible sources of ignition, heat, steam pipe or sunlight

## Section 8 Protection Information

### 8.1 Control Parameters:

No data are available for the product

Content	Acrylic Fiber	Oil-Based Component
Labor Safety & Health Act (Japan) ppm	N/D	N/D
OSHA ppm	N/D	N/D
ACGIH ppm	N/D	N/D

### 8.2 Engineering Measures:

 No measures identified.

### 8.3 Personal Protective Equipment:

Respiratory protection: N/A  
Eye protection: N/A  
Hand, skin and body protection: N/A

## Section 9 Physical Data

Appearance: Light Yellow	Odor: None
Density: 1.14-1.18	Boiling Point: N/A
Melting Point: Decomposes at approx. 300 degrees Celsius	Vapor Pressure: N/A
Vapor Density: N/A	Solubility (%): In Water: Insoluble In Others: Soluble in dimethyl sulfoxide, dimethylformamide, dimethylacetamide, nitric acid, zinc chloride solution, thiocyanate solution.
Volatility: N/A	Others: N/A

**Section 10 Reactive Data**

Flash Point: 270 degrees Celcius (estimated for single strand of fiber)	Autoignition Temp: 200 degrees Celcius
Explosion Limit (%): None Upper: None Lower: None	Combustibility: Not Spontaneous Reactivity With Water: None
Flammability: Flammable gases evolve over 200 degrees Celsius	Dust Explosion: N/A
Oxidizibility: N/A	Self-Reactivity: None

**Section 11 Toxicity Data**

Acute Toxicity: N/A

Sub-chronic Toxicity: N/A

Chronic Toxicity: N/A

Carcinogenic Effects: No silicosis case has been reported on inhalation test with mice.

Mutagenic Effects: N/A

Irritant Properties: Contact with fly or dust can cause irritation

Tera genic Effects: N/A

**Section 12 Ecological Data**

Biodegradability: N/A

Bioaccumulation: N/A

Fish Toxicity: N/A

**Section 13 Disposal Information**

In case of disposal, this product must be treated as plastic (yarn/fiber waste) and disposed at approved locations.

**Section 14 Transport Information**

N/A

**Section 15 Regulatory Information**

Regulatory/Classification	Reg. Info.	Substance Name	Allowed Concentrations	
EINECS No.	N/A	N/A	N/A	N/A
California Proposition 65	N/A	N/A	N/A	N/A
FDA	N/A	N/A	N/A	N/A
UL	N/A	N/A	N/A	N/A
CAS	N/A	25014-41-9	N/A	N/A
OSHA	N/A	N/A	N/A	N/A

**Section 16****Additional Information**

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