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## **SAFETY DATA SHEET (SDS)**

### **Polyester Web Slings**

#### **1. Identification**

Product Name: Polyester Web Slings

Manufacturer: Liftex Corporation

Recommended Use: Industrial lifting and rigging

Emergency Phone: 800-299-0900

#### **2. Hazard(s) Identification**

OSHA Hazard Classification: Not classified as hazardous under 29 CFR 1910.1200.

Signal Word: None

Hazard Statements: None

Potential Hazards: Mechanical injury if misused, overloaded, cut, or exposed to fire.

#### **3. Composition / Information on Ingredients**

Polyester polymer

CAS Number: 25038-59-9

Concentration: >95%

#### **4. First-Aid Measures**

Inhalation: Not expected under normal use. If fumes from burning material are inhaled, remove person to fresh air and seek medical attention if symptoms persist.

Skin Contact: No hazard under normal use. If molten material contacts skin, cool with water. Do not attempt to remove solidified material.

Eye Contact: Flush cautiously with water for several minutes if irritation occurs.

Ingestion: Not a normal route of exposure. Seek medical attention if swallowed.

#### **5. Fire-Fighting Measures**

Suitable Extinguishing Media: Water spray, dry chemical, foam, or CO<sub>2</sub>.

Specific Hazards: Material may burn and produce carbon monoxide, carbon dioxide, and irritating fumes.

Protective Equipment: Firefighters should wear self-contained breathing apparatus (SCBA).

## 6. Accidental Release Measures

Personal Precautions: None required.

Cleanup Methods: Collect mechanically. Dispose in accordance with regulations.

## 7. Handling and Storage

Handling: Avoid cutting, abrasion, chemical exposure, or exceeding rated capacity. Follow all applicable rigging standards.

Storage: Store in a cool, dry location away from UV exposure and chemicals.

## 8. Exposure Controls / Personal Protection

Exposure Limits: None established.

Engineering Controls: None required.

Personal Protective Equipment: Gloves, safety footwear, and eye protection as required by task.

## 9. Physical and Chemical Properties

Appearance: Woven or jacketed synthetic sling

Odor: None

Melting Point: ~250°C (Polyester) / ~215°C (Nylon) *Note: Polyester slings should not be exposed to temperatures exceeding 90°C (194°F).*

Solubility: Insoluble in water

Specific Gravity: Approx. 1.14–1.38

## 10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: Excessive heat, prolonged UV exposure.

Incompatible Materials: Strong acids, alkalis, oxidizers.

Hazardous Decomposition Products: CO, CO<sub>2</sub> when burned.

## 11. Toxicological Information

No known acute or chronic toxicity under normal conditions. Not listed as carcinogenic by OSHA, IARC, or NTP.

## **12. Ecological Information**

Not readily biodegradable. No known acute aquatic toxicity.

## **13. Disposal Considerations**

Dispose in accordance with local, state, and federal regulations. Non-hazardous industrial waste.

## **14. Transport Information**

DOT / IMDG / IATA: Not regulated as hazardous.

## **15. Regulatory Information**

OSHA Hazard Communication Standard: Not hazardous.

TSCA: Listed.

REACH / RoHS: Compliant.

## **16. Other Information**

References:

ASME B30.9 – Slings

ANSI B30.9

WSTDA WS-1 (Web Slings)

WSTDA RS-1 (Round Slings)

OSHA 29 CFR 1910 Subpart N

Prepared by Liftex Corporation – Safety & Compliance