

**1. IDENTIFICATION OF THE SUBSTANCE**TRADE NAME: **FiberKev - Reinforced Fiber.**

DESCRIPTION: FiberKev™ is a heat-resistant para-aramid synthetic fiber with a molecular structure of many inter-chain bonds that make it incredibly strong. Has many applications because of its high tensile strength-to-weight ratio.

FiberKev™ uses Kevlar\* one of the strongest and most versatile textiles, boasting a tensile strength-to-weight ratio so high, it is five times stronger than steel. Kevlar® is a synthetic material that is, to put it simply, a very strong woven plastic.

RECOMMENDED USE: Product for mechanical reinforcement system

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**2. IDENTIFICATION OF THE SUBSTANCE**

Yarn

**3. COMPOSITION**

COMPONENT	Nº CAS	CONTENTS %w/w	HAZARD DATA
Para-Aramid Fiber	26125-61-1	≥85%	None

**4. FIRST AID MEASURES**

SKIN CONTACT: Wash with soap and water.

EYE CONTACT: Immediately flush eyes with plenty of water holding lids apart for at least 15 minutes, call a physician if the irritation persists or develops later.

INHALATION: Not applicable.

INGESTION: Not a probable route. However in case of gastro-intestinal distress following accidental ingestion, call a physician.

**5. FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA: Water, spray, foam, CO<sub>2</sub> and dry chemical.

DO NOT USE: Flammable materials.

PROTECTIVE EQUIPMENT: Wear full protective equipment including self-contained breathing apparatus.

OTHER: If permitted to dry, pulp can become electrostatically charged during processing and handling.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Dispose of as in section 8.

ENVIRONMENTAL PRECAUTIONS: Do not flush to drains.

CLEANING METHOD: Wash, shovel or mop up and place in solid waste containers.

## 7. HANDLING & STORAGE

HANDLING: Do not touch moving treadlines of fiber.  
Entanglement with this high strength fiber can severely cut or even sever fingers.

STORAGE: Do no store in direct sunlight.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS: Not applicable.

RESPIRATORY PROTECTION: It is extremely unlikely that harmful concentrations of volatile materials will be released during normal applications. Dust mask equivalent to 3M model N95 can be used.

SKIN PROTECTION: Protective gloves should wear long sleeved shirts, coveralls be worn to reduce skin contact. Discard contaminated gloves, shirts, etc.

EYE PROTECTION: Wear safety glasses or coverall goggles when cutting oo mechanically working this product, or where airborne dust and fly is present.

OTHER: --

## 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Warp YARN: FiberKev

ODOR: Odorless FLASH POINT: Not applicable

SPECIFIC GRAVITY: 1.45 g/cc FILL YARN: Kevlar

**10. STABILITY & REACTIVITY**

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBLE MATERIALS:	None known
CONDITIONS TO AVOID:	May irritate skin when protective equipment is not used
HAZARDOUS DECOMPOSITION PRODUCTS:	Fiber decomposition temperature $\geq 400$ C.

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**11. TOXICOLOGICAL INFORMATION**

SKIN AND EYE CONTACT:	Slight irritation.
INGESTION:	Low toxicity.
INHALATION:	Inhalation of fibrous dust and fly may cause mechanical irritation of the mucous membranes of the nose and throat; these symptoms disappear upon cessation of exposure.

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**12. ECOLOGICAL INFORMATION**

Non-biodegradable in the environment, and do not leach material toxic to flora or fauna.

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**13. DISPOSAL CONSIDERATIONS**

Landfill in accordance with local regulations

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**14. TRANSPORT INFORMATION**

IATA, IMO & USDOT: Not Regulated

MAIN RISK:	None
SUBSIDIARY RISK:	None
UN No:	None
CLASS:	None
PACKING GROUP:	None
PROPER SHIPPING NAME:	None

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**15. REGULATORY INFORMATION**

Not available.

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