

NORFAB

MATERIAL SAFETY DATA SHEET

MANUFACTURER: High Temperature Resistant Fabrics

REV. #2

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DATE: 9/25/96

SECTION I. MATERIAL IDENTIFICATION

STYLE NUMBER: 16HT65/Alum (Series 900)

DESCRIPTION: Aluminized Kevlar/Carbon Fabric

CHEMICAL FAMILY: A blend of Kevlar/Preox Yarns

TRADE NAME

SECTION II. PHYSICAL DATA

Boiling point 760 mm. Hg	N/A	Specific gravity, (H ₂ O=1)	N/A
Vapor pressure at 20°C	N/A	Evap. Rate (Butyl Acetate = 1)	N/A
Vapor density (Air=1)	N/A	Volatiles, %	N/A
Water solubility, % by wt.	Insol	Molecular weight	N/A

Appearance & Odor: Color - Yellowish Black

Odor - Clean

SECTION III. INGREDIENTS AND HAZARDS

	%	Toxicity (mg/M ³)
Aluminized Polyester Film	1.47	10 mg/m ³
Acrylonitrile Elastomer	4.41	10 mg/m ³
Polychloroprene Elastomer	3.80	4 mg/m ³
Kevlar/Preox Yarn	94.50	10 mg/m ³
Chlorine	2.31	3 mg/m ³
Antimony Trioxide	0.85	0.5 mg/m ³
Red Lead	0.76	0.15 mg/m ³

SECTION IV. FIRE AND EXPLOSION DATA

			LOWER	UPPER
Flash Point and Method	Autoignition Temp.	Flammability Limits In Air		
N/A	N/A	N/A		

Extinguishing media: Self-extinguishing; starts to decompose at about 450°F.
Adhesive system tends to smolder in the flame.
Aluminized Mylar melts @ 400°F.
Extinguish with water (H₂O) and/or smother.

Special fire fighting procedures:

Normal procedure.

SECTION V. HEALTH INFORMATION

Effects of overexposure: None at normal temperatures.

Threshold Limit Value

FIRST AID PROCEDURES:

Eye Contact: Wear safety eyewear. Wash eyes with water; apply first aid procedures.
Skin Contact: Wash with water.
Inhalation: Avoid. Wear dust mask.

SECTION VI. REACTIVITY DATA

Stability At elevated temperatures, range not known, decomposition may occur.	Stable X Unstable	Conditions to avoid; High temperatures in confined area.
Incompatible with: N/A		
Hazardous decomposition products: None at room temperature. At high temperatures, chlorine and antimony oxide fumes may occur. Tends to smolder in a flame.		
Hazardous polymerization:	May occur Will not occur X	Conditions to avoid: High temperatures in confined area.

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILLS, LEAKS: Normal procedure.

DISPOSAL: Use special landfill arrangement.
Burns with difficulty

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection:

Use dust mask.

Ventilation:

Normal

Protective gloves:

None required.

Other protective equipment:

Eye protection:

Wear safety eyewear.

SECTION IX. SPECIAL PRECAUTIONS

Storage & Handling Information

Normal procedure.

No special precautions.

No "SARA TITLE III LISTING" required.

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