



08/08/2013

MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION

PRODUCT NAME: FIREMANBRAND WELDING BLANKET
SYNONYMS: N/A
CHEMICAL FAMILY: Oxidized / Stabilized Polyacrylonitrile Fiber

II. OSHA REGULATED COMPONENTS

COMPONENT	CAS.NO	%	TWA/CEILING	REFERENCE
Preox	308060-39-1	No permissible exposure limits (PEL/TLV) have been established by OSHA or ACGIH.		

III. HAZARD RATING

IV. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOUR PRESURE: N/A

VAPOUR DENSITY: N/A

SPECIFIC GRAVITY (H₂O = 1): Greater than or equal to 1.35 g/cc

MELTING POINT: N/A

EVAPORATION RATE Butyl Acetate = 1): N/A

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Black, odorless fiber

V. FIRE & EXPLOSION HAZARD DATA

FLASHING POINT: N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Normal firefighting procedures.

SPECIAL FIREFIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS: Preox is inherently flame resistant. Exposure to flame will produce low levels of HCN, NH₃, CO, CO₂ and Acrylonitrile.

SAPPHIRE FLAME RETARDANTS cc

CC REG: 2001/011463/23 Member: E.B. McLelland
2 MYHOF ROAD CLAREMONT 7700 CAPE TOWN PO BOX 36264 GLOSDERRY7702

TEL: 021 6837815 / 6718216 FAX: 021 6837815

e-mail: sapphire@sapphireflame.co.za website: www.sapphireflame.co.za



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VI. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Oxidation reaction may occur when exposed to air at temperatures above 500degF generating low levels of HCN, NH3, CO, CO2 and Acrylonitrile.

INCOMPATIBLE MATERIALS: None.

HAZADOUS DECOMPOSITION OR BYPRODUCT: None generated under normal storage or handling conditions. Low levels of HCN, NH3, CO, CO2 & Acrylonitrile with exposure to flame.

HAZARD POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None.

VII. HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INHALATION In some cases-see Sec. VIII.	SKIN No	INGESTION No	EYES No
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HEALTH HAZARDS: None known.

CARCINOGENICITY: No

SIGNS & SYMTOMS OF EXPOSURE: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY & FIRST AID PROCEDURES: Wash with soap & water

VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: No special procedures required.

WASTE DISPOSABLE METHOD: Sanitary landfill sites – industrially approved. Consult local, state and federal agencies prior to disposal of this material

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: None

OTHER PRECAUTIONS: None

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IX. CONTROL MEASURES

RESPIRATORY PROTECTION: Normal industrial hygiene practices (dust mask)

VENTALATION: Normal industrial hygiene practices (local exhaust for air born materials)

PROTECTIVE GLOVES: Normal industrial hygiene practices (gloves if desired)

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK/HYGIENIC PRACTICES: Normal industrial hygiene practices: Gloves (Tyvek) and NIOSH approved nuisance dust masks. Before eating, drinking or smoking wash hands and face thoroughly with soap and water.

X. DOT SHIPPING INFORMATION

PROPER SHIPPING NAME: Not applicable/not regulated.

HAZARD CLASS: Not applicable

UN/NA: Not applicable

D.O.T. HAZARDOUS SUBSTANCES: Not applicable
(Reportable Quantity of Product)

D.O.T. LABEL REQUIRED: Not applicable

XI. TSCA INFORMATION

This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C.

XII. ENVIROMENTAL INFORMATION

The following components are defined as toxic chemicals subject to reporting requirements of section 313 of Title III and of 40 CFR 372 or subject to other EPA regulations.

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>%</u>	<u>SARA TITLE III</u>	<u>TPO (lbs.)</u>	<u>RO (LBS.)</u>	<u>S313</u>	<u>RCRA</u>	<u>TSCA 12B</u>
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This product does not contain any components regulation under these sections of the EPA.

PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA
Not applicable under SARA TITLE III.

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