



TILLMAN

MATERIAL SAFETY DATA SHEET- Tillman 615 blanket material

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I. PRODUCT IDENTIFICATION

PRODUCT NAME: **Oxidized Polyacrylonitrile nonwoven (Tillman 615)**

SYNONYMS: N/A

CHEMICAL FAMILY: CARBON FIBER

II. OSHA REGULATED COMPONENTS

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

III. HAZARD RATING

| <u>Least:0,slight:1, Moderate:2, High:3,extreme :4</u> | <u>HEALTH</u> | <u>FIRE</u> | <u>REACTIVITY</u> |
|--|---------------|-------------|-------------------|
| CARBON FIBER | 1 | 0 | 0 |
| EXPERIMENTAL SIZING | 1 | 1 | 0 |

I. HAZARD RATING

IV. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

SPECIFIC GRAVITY (H₂O = 1): 1.35

MELTING POINT: N/A

EVAPORATION RATE (Butyl Acetate = 1): N/A

SOLUBILITY IN WATER: insoluble

APPEARANCE AND ODOR: Black, odorless fiber

John Tillman Co.
1300 W. Artesia Blvd.
Compton, CA 90220
310-764-0110, 310764-0104 (fax)
www.jtillman.com



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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: Burning will produce HCN,NH₃,CO,CO₂ and acrylonitrile

VI. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Thermal decomposition @ greater than 600F

INCOMPATIBLE MATERIALS: None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: HCN, CO, CO₂,NH₃ and Acrylonitrile

HAZARD POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

VII. HEALTH HAZARD DATA

| ROUTE(S) OF ENTRY: | INHALATION | SKIN | INGESTION | EYES |
|--------------------|---------------------------------------|--|--|----------------------------|
| | In some cases-see Sec. IX | No | No | No |
| | No effects expected under normal use. | industrial or commercial Production. No effects expected under normal use. | normal use. May cause gastrointestinal irritation. | cause temporary irritation |

HEALTH HAZARDS: None known.

CARCINOGENICITY: No

SIGNS & SYMPTOMS OF EXPOSURE: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY & FIRST AID PROCEDURES: Wash with soap & water.

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VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A

WASTE DISPOSAL METHOD: 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

IX. CONTROL MEASURES

RESPIRATORY PROTECTION: Personal dust respirators applicable if high degree of fiber fly is experienced.

VENTILATION: Yes - local exhaust for airborne fiber removal.

PROTECTIVE GLOVES: Yes

IX. CONTROL MEASURES (continued)

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK/HYGIENIC 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

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XI. TSCA INFORMATION

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

XII. ENVIRONMENTAL 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.

| COMPONENT | CAS NO. | % | <u>SARA TITLE III</u> | | | RCRA | TSCA 12B |
|-----------|---------|---|-----------------------|----------|------|------|----------|
| | | | TPQ(lbs.) | RQ(lbs.) | S313 | | |

This product does not
contain any components
regulated under these
sections of the EPA.

PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA

Not Applicable under SARA TITLE III.

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