

**TUF-STRAND SF PAPER 5#/BAG 5x5x25**Version 1  
REVISION DATE: 01/04/2006

Print Date 08/17/2007

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : TUF-STRAND SF PAPER 5#/BAG 5x5x25  
 Product code : 101T 96

COMPANY : Euclid Chemical Company  
 19218 Redwood Road  
 Cleveland, OH 44110

Telephone : 1-800-321-7628  
 Emergency Phone: : U.S. only: 1-800-255-3924  
 International Users Call Collect: 1-813-248-0585

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

White. Fiber. May cause slight irritation to the respiratory system. Generally not required under normal conditions of use.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause slight irritation to the respiratory system.  
 Eyes : Direct contact may cause mild irritation.  
 Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.  
 Skin : May cause moderate irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

No known effects anticipated.

**Target Organs:** Skin

**SECTION 3 - PRODUCT COMPOSITION**

| Chemical Name                    | CAS-No.                 | Weight % |
|----------------------------------|-------------------------|----------|
| Polypropylene/Polyethylene Fiber | NJ TSRN# 51721300-5696P | > 60.0   |

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

Inhalation : Generally not required under normal conditions of use.  
 Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.  
 Skin contact : Wash with water. If irritation, rash or other disorders develop, get medical attention immediately.



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Ingestion : Generally not required under normal conditions of use.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : 625 °F, 329 °C
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Smoke, fumes.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Transfer to appropriate container for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Store under normal warehouse conditions. Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Prevent inhalation of dust and contact with skin and eyes. Clean hands thoroughly after handling.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protection equipment**

- Respiratory protection : Wear NIOSH/MSHA approved dust respirator when the fiber concentration exceeds the exposure limits indicated on the MSDS. Wear a type C full face supplied-air respirator when the fiber concentration exceeds 50 fibers/cc.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures : Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

No known components with exposure limits.



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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form : Fiber  
Color : White  
Odor : Odourless  
pH : Not available.  
Vapour pressure : Not available.  
Vapor density : Not available.  
Melting point/range : Not available.  
Freezing point : Not available.  
Boiling point/range : Not available.  
Water solubility : Not available.  
Specific Gravity : 0.9  
% Volatile Weight : 0.0 %

**SECTION 10 - REACTIVITY / STABILITY**

Stability : Stable  
Hazardous polymerization : Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**TDG / DOT Shipping Description:**  
NOT REGULATED



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**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.  
 This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

OSHA Status: Considered : Irritant  
 hazardous based on the following criteria:

OSHA Flammability : IIIB

Regulatory VOC (less water and : 0 g/l  
 exempt solvent)

VOC Method 310 : 0 %

**U.S. State Regulations:**

Penn RTK Components : Polypropylene/Polyethylene Fiber NJ TSRN# 51721300-5696P

NJ RTK Components : Polypropylene/Polyethylene Fiber NJ TSRN# 51721300-5696P

Chemicals known to the State of California to cause cancer birth defects and/or other reproductive harm:  
 None known.

**SECTION 16 - OTHER INFORMATION**

**HMS Rating :**

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 1 |
| Reactivity   | 0 |
| PPE          |   |

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**Further information:**

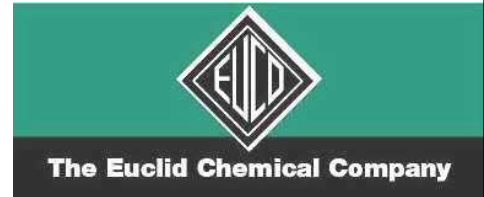
For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists

PEL - Permissible Exposure Limit



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CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
DOT - Department of Transportation  
DSL - Domestic Substance List  
EPA - Environmental Protection Agency  
HMIS - Hazardous Materials Information System  
IARC - International Agency for Research on Cancer  
MSHA - Mine Safety Health Administration  
NDSL - Non-Domestic Substance List  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration

RCRA - Resource Conservation and Recovery Act  
RTK - Right To Know  
SARA - Superfund Amendments and Reauthorization Act  
STEL - Short Term Exposure Limit  
TLV - Threshold Limit Value  
TSCA - Toxic Substances Control Act  
TWA - Time Weighted Average  
V - Volume  
VOC - Volatile Organic Compound  
WHMIS - Workplace Hazardous Materials Information System