



## **SAFETY DATA SHEET**

### **1. Product and Company Identification**

Product Name: **Coated Twitchell Rug**

Company's Name:

Twitchell Technical Products, LLC  
4031 Ross Clark Circle, NW  
Dothan, AL 36304

Customer information number: 800-633-7550

Emergency Telephone Number: (334) 792-0002 Days  
(334) 792-0002 Nights

### **2. Hazards Identification**

*EMERGENCY OVERVIEW*

Color: Black

Appearance: coated nonwoven

Odor: None to mild odor.

Potential Health Effects

Inhalation: Cellulose dust created from slitting or cutting operations can cause respiratory irritation.

Eye Contact: Cellulose dust created from slitting or cutting operations may cause eye irritation.

Skin Contact/Absorption: No adverse effects anticipated by skin absorption or skin contact.

### **3. Composition/Information on Ingredients**

HAZARDOUS INGREDIENTS			
HAZARDOUS COMPONENTS	%	CAS#	OSHA PEL
Carbon Black (Pigment Black 7)	<.35%	1333-86-4	3.5mg/m <sup>3</sup>

#### COMPOSITION AND INGREDIENTS INFORMATION

	OSHA PL or TWA	ACGIH TLV	Weight %
Polypropylene resin (9003-07-0)	n/a	n/a	50-60%
Ethene, homopolymer (9002-88-4)	n/a	n/a	40-50%
Minor Additives (Mixture)	n/a	n/a	<1%
Carbon Black	3.5mg/cm TWA	3.5mg/cm TWA	<.35%

Note: Pigments, vehicles, and additives are fully encapsulated in resin and are not expected to cause any hazardous conditions when processed in accordance with good manufacturing practices.

See carcinogenic information on carbon black.

\*Components on TSCA list.

Carbon Black has been evaluated by IARC as possibly carcinogenic to humans (GROUP 2B). The ACGIH classifies carbon black as A4-Not Classified as Human Carcinogen. Carbon black is a California Proposition 65 listed substance if three qualifiers are met (airborne, unbound-not bound within a matrix, and respirable size -10 micrometers or less in diameter.) **This product does not exhibit carbon black in any of these qualifying conditions.**

#### 4. First Aid Measures

Eye Contact: Abrasive irritation is expected if in eyes. If in eye, remove as one would any foreign object. Flush with water if irritation occurs.

Inhalation: May cause temporary discomfort to upper respiratory tract due to mechanical irritation when exposures are above the occupational exposure limit.

In case of adverse exposure to vapors and/or aerosols formed at elevated temperatures, immediately remove the victim from exposure. Administer artificial respiration if breathing stopped. Get medical attention.

#### 5. Fire-Fighting Measures

Avoid temperatures above 200°F.

Avoid extreme conditions of heat and humidity. Do not store near open flames.

Extinguishing Media: Use water fog, foam, dry chemicals or carbon dioxide to extinguish flames.

#### 6. Accidental Release Measures

Steps to be taken in case material is released or spilled: If material is not contaminated, return to proper package for use. If material is contaminated, place in proper container for disposal.

#### 7. Handling and Storage

Precautions to be taken in handling and storage: Store coated fabric in a warehouse equipped with a sprinkler system. Avoid temperatures above 200°F. Avoid extreme conditions of heat and humidity. Do not store near open flames.

#### 8. Exposure Controls/Personal Protection

##### *SPECIAL PROTECTION INFORMATION*

Respiratory Protection: Not required; however, use of adequate ventilation is good industrial practice. If dust is generated and ventilation is inadequate, use MOSH/NISHA certified respirator that will protect against dust. The appropriate respirator should be in compliance with OSHA Subpart I (29 CFR 1910.134).

Protective Gloves: Not needed

Eye Protection: No significant irritation expected other than possible mechanical irritation. Eye wash station and safety shower should be near work area.

Other Protective Equipment: Not needed.

## **9. Physical and Chemical Properties**

### *CHEMICAL AND PHYSICAL DATA*

Appearance and Odor: None to mild odor.

Melting Point: 160°C (230°F)

Flash Point: N/A

Auto Ignition >357°C (625°F)

## **10. Stability and Reactivity**

Stability/Instability: Stable

Conditions to Avoid: Keep away from sparks, flames, and buildup of static electricity.

Incompatibility (Materials to Avoid): None specified

Hazardous Polymerization: Will not occur

## **11. Toxicological Information**

Eye/skin effects: see section 2.

Carcinogenicity: Carbon black is classified as a Group 2B possible human carcinogen.

When encapsulated in a plastic matrix, risk of exposure is minimized.

Carbon black has been evaluated by IARC as possibly carcinogenic to humans (Group 2B) based on “sufficient evidence” in animals and “inadequate evidence in humans.” Recent evidence indicates that the phenomenon of carcinogenicity in the rat lung is species-specific, resulting from persistent overloading of the rat lung with poorly soluble particles <1.0 micrometer in diameter. Mortality studies of carbon black exposure and elevated lung cancer rates. The ACGOH (American Conference of Governmental Industrial Hygienists) classifies carbon black as A4, Not Classifiable as a Human Carcinogen.

Polycyclic Aromatic Hydrocarbon (PAH) or polynuclear aromatics (PNA) content of manufactured carbon blacks: In non-adsorbed forms, some PAHs contained in carbon black are not bioavailable. Modern production and quality control procedures are generally able to maintain extractable PAH level to 0.1% (<1000 ppm) in carbon black with PAHs. High purity furnace blacks contain PAHs not exceeding 0.5 PPM. There are no known human carcinogenic effects related to the PAH content of carbon blacks. Recent research has shown that the PAH content of carbon blacks is not released in biological fluids and thus not available for biological activity, according to information from Carbon Black manufacturers and the ICBA (International Carbon Black Association). Carbon Black is a California Proposition 65 listed substance if all three qualifiers are met (Airborne, unbound (not bound within a matrix), and respirable size (10 micrometers or less in diameter).

### **Health Hazards (Both Acute and Chronic)**

Exposure to carbon black may cause minor skin irritation and respiratory irritation. Precautions against breathing dust should be followed when handling and working with material containing carbon black.

Carbon black is a California Proposition 65 listed substance if three qualifiers are met (airborne, unbound-not bound within a matrix, and respirable size -10 micrometers or less in diameter.) **This product does not exhibit carbon black in any of these qualifying conditions.**

## 12. Ecological Information

Environmental Data: Not expected to be hazardous to the environment in present form.

## 13. Disposal Considerations

Waste Disposal Methods: Sweep up waste fabric and recycle, incinerate, or landfill in conformity to federal, state or local disposal regulations.

## 14. Transport Information

DOT classification: Non-hazardous

## 15. Regulatory Information

Carbon black is a California Proposition 65 listed substance if three qualifiers are met (airborne, unbound-not bound within a matrix, and respirable size -10 micrometers or less in diameter.) **This product does not exhibit carbon black in any of these qualifying conditions.**

## 16. Other Information

<b>NEPA</b>	<b>Health Hazard</b>	0	<b>Flammability</b>	1	<b>Instability</b>	0
<b>HMIS</b>	<b>Health Hazard</b>	0	<b>Flammability</b>	1	<b>Physical Hazard</b>	0

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, \* = Chronic

Prepared By: Twitchell Technical Products, LLC  
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Preparation/Revision Date: 8/31/18

This material safety data sheet and the information it contains are offered to you in good faith as accurate. We have reviewed any information contained in this data sheet that we received from sources outside our company. We believe that this information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and this product safely and to comply with all applicable laws and regulations.