

Section 1 - Chemical Product and Company Identification

Product Name Techstyle Acoustical Ceiling Panels
CAS# Mixture/None Assigned
Generic Name Ceiling Panels and Tiles
Formula Mixture
Chemical Name: Mixture
Hazard Label CF-001
Manufacturer Information **Hunter Douglas Architectural Products**
 One Duette Way
 Broomfield 80020
 Colorado
 Tel: 866 556-1235
 Fax: 303 876 3250

Trade Names: Techstyle

Section 2 - Composition / Information on Ingredients

Thermally point-bonded Polyester Non-woven *0 -10 Percent*

CAS #	Component	Percent
1163-19-5	Decarbomodiphenyl oxide	5-10
25038-59-9	Polyethylene terephthalate	90-95

Thermoplastic co-polyester *<15 Percent*

CAS #	Component
30580-17-7	Thermoplastic co-polyester

Fiber Glass Mat Formaldehyde-free *<75 Percent*

CAS #	Component	Percent
65997-17-3	Continuous filament glass fibers	50-85
Proprietary	Acrylic Binder (salt of Polycarboxylic Acid)	12-30
55918-56-4	Polyester Fiber	0-15
13463-67-7	Titanium dioxide (colorant)	0-2
Not Available	Cyclic phosphonate esters (non-hazardous)	<0.3
Not Available	Mineral coating	0- 50

MSDS Vinyl clips issued separately

Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following:
 Glass filaments.

Additional Component Information

- In black or gray products only.

- Note: Due to the product form, exposures to hazardous dusts or fumes are not expected to occur. Exposure limits are given for reference only.

Section 3 - Hazards Identification

Emergency Overview

APPEARANCE AND ODOR: Black, gray, or white glass fiber web or mat. No significant odor.

Inhalation of excessive amounts of dust from the product may cause temporary upper respiratory irritation and/or congestion remove individual to fresh air.

Potential Health Effects

Summary

Breathing dust from this product may cause a scratchy throat, congestion, and slight coughing. Getting dust or fibers on the skin, or in the eyes may cause itching, rash, or redness. Additional health and safety information is provided in Section 11 of this material safety data sheet.

Inhalation

Irritation of the upper respiratory tract (scratchy throat), coughing, and congestion may occur in extreme exposures.

Skin

Temporary irritation (itching) or redness may occur.

Absorption

Not applicable

Ingestion

This product is not intended to be ingested or eaten under normal conditions of use. If ingested, it may cause temporary irritation to the gastrointestinal (GI) tract, especially the stomach.

Eyes

Temporary irritation (itching) or redness may occur.

Target Organs

Throat, upper respiratory passages, lungs, skin, and eyes.

Primary Routes of Entry (Exposure)

Inhalation (breathing dust, fibers, or vapors), skin, and eye contact.

Medical Conditions Aggravated by Exposure

Pre-existing chronic respiratory, skin, or eye diseases or conditions.

Section 4 - First Aid Measures

First Aid: Inhalation

Move person to non-contaminated air. Drink water to clear throat, and blow nose to remove fibers and dust.

First Aid: Skin

Wash gently with soap and warm water to remove dust and fibers. Wash hands before eating or using the restroom.

First Aid: Ingestion

Product is not intended to be ingested or eaten. If this product is ingested, irritation of the gastrointestinal (GI) tract may occur, and should be treated symptomatically. Rinse mouth with water to remove fibers, and drink plenty of water to help reduce the irritation. No chronic effects are expected following ingestion.

First Aid: Eyes

Do not rub or scratch your eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5-15 minutes. If irritation persists, contact a medical professional.

First Aid: Notes to Physician

Dusts from these products are mechanical irritants and are not expected to produce any chronic health effects. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary.

Section 5 - Fire Fighting Measures

Method Used: ASTM E84

Flame spread index: <25*

Smoke Developed index: <50*

Flash Point: Not reached

** test included standard PVC clips*

General Fire Hazards

There is no potential for fire or explosion. When heated to decomposition carbon monoxide may be emitted

Extinguishing Media

Carbon dioxide (CO₂), water, water fog, dry chemical. Any cooling or oxygen excluding method

Fire Fighting Equipment/Instructions

No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

Section 6 - Accidental Release Measures

Containment Procedures

Pick up large pieces. Vacuum dusts. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust accumulation. These procedures will help to minimize potential exposures.

Clean-Up Procedures

Comply with state and local regulations for disposal of these products. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the Environmental Protection Agency (EPA).

Section 7 - Handling and Storage

Handling Procedures

Use protective equipment as described in Section 8 of this material safety data sheet when handling uncontained material.

Storage Procedures

Warehouse storage should be in accordance with package directions, if any. Material should be kept dry, and protected from the elements

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines

A: General Product Information

Protective equipment should be provided as necessary to prevent irritation of the eyes, skin, and respiratory tract, and to keep exposure levels below the applicable exposure limits.

B: Component Exposure Limits

Continuous filament glass fibers (65997-17-3)

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ACGIH: 1 f/cc TWA for fibers longer than 5 um with a diameter less than 3 um; 5 mg/m3 TWA inhalable particulate; (Listed under 'Synthetic vitreous fibers') (related to Continuous filament glass fibers)
OSHA: 5 mg/m3 TWA respirable fraction (OSHA)
15 mg/m3 TWA total dust (OSHA)
(related to Continuous filament glass fibers)

Titanium dioxide (colorant) (13463-67-7)

ACGIH: 10 mg/m3 TWA
OSHA: 10 mg/m3 TWA (total dust)

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Safety glasses with sideshields are recommended to keep dust out of the eyes.

Personal Protective Equipment: Skin

Leather or cotton gloves should be worn to prevent skin contact and irritation.

Personal Protective Equipment: Respiratory

A respirator should be used if ventilation is unavailable, or is inadequate for keeping dust and fiber levels below the applicable exposure limits. In those cases, use a NIOSH-approved dust/mist respirator to protect against nuisance dust. (Examples of NIOSH-approved disposable dust/mist respirators for this type of exposure are the 3M 9900 and Moldex 2200 respirators.)

Ventilation

Local exhaust or general dilution ventilation should be provided to keep exposure levels below the applicable exposure limits.

Personal Protective Equipment: General

Loose-fitting, long-sleeved clothing and a cap should be worn to protect skin from irritation. Exposed skin areas should be washed with soap and warm water after handling or working with the product. Clothing should be washed separately from other clothes, and the washer should be rinsed thoroughly (run empty for a complete wash cycle). This will reduce the chances of fiber glass being transferred to other clothing.

Section 9 - Physical & Chemical Properties

Appearance: Black, white or colored glass fiber panel
Physical State: Solid
Vapor Pressure: Not applicable
Boiling Point: Not determined
Solubility (H2O): Not determined
Freezing Point: Not applicable
VOC: Not applicable

Odor: No significant odor
pH: Not applicable
Vapor Density: Not applicable
Melting Point: Not determined
Specific Gravity: Not determined
Evaporation Rate: Not applicable

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability

This is a stable material. This product is not reactive.

Hazardous Decomposition

None.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Acute Toxicity

A: General Product Information

Dust from this product is a mechanical irritant, which means that it may cause irritation or scratchiness of the throat, and/or itching in the eyes and skin.

B: Component Analysis - LA50/LC50

Material Name: Techstyle Acoustical Ceiling Panels with Formaldehyde-free Acrylic Binder
Oral LA50 Rat: > 5,821 mm² (* test included standard PVC clips)

Carcinogenicity

A: General Product Information

The Occupational Safety and Health Administration (OSHA), National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), and American Conference of Governmental Industrial Hygienists (ACGIH) have not classified this product in its entirety as a carcinogen.

B: Component Carcinogenicity

Continuous filament glass fibers (65997-17-3)

ACGIH: A4 - Not Classifiable as a Human Carcinogen (related to Continuous filament glass fibers)

IARC: Monograph 43, 1988 (related to Glass filaments) (Group 3 (not classifiable))

Titanium dioxide (colorant) (13463-67-7)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 47, 1989 (Group 3 (not classifiable))

Chronic Toxicity

Continuous Filament Glass Fiber: No chronic health effects are known to be associated with exposure to continuous filament fiber glass. Results from epidemiologic studies have not shown any increases in respiratory disease or cancer. The International Agency for Research on Cancer (IARC) has classified continuous filament fiber glass as a Group 3 substance, not classifiable as to its carcinogenicity to humans. Because of the large diameter of continuous filament fibers, these products are not considered respirable.

Section 12 - Ecological Information

Ecotoxicity

A: General Product Information

No data available for this product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Section 13 - Disposal Considerations

US EPA Waste Number & Descriptions

A: General Product Information

This product is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Section 14 - Transportation Information

US DOT Information

Shipping Name: Not Regulated for Transport

Section 15 - Regulatory Information

US Federal Regulations

A: General Product Information

No information on this product as a whole.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

A: General Product Information

No information available.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Continuous filament glass fibers	65997-17-3	No	No	No	Yes	No	No
Titanium dioxide	13463-67-7	No	No	Yes	Yes	Yes	Yes

C: Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS
Continuous filament glass fibers	65997-17-3	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes
Polyester Fiber**	55918-56-4	Yes	No	No
Thermoplastic Co-polyester resin	30580-17-7	Yes		

Section 16 - Other Information

Other Information

Prepared for:

Hunter Douglas Architectural Products
 Specialty Products
 One Duette Way
 Broomfield Colorado 80020

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.

Date; 05/12/2009