

Common Culture

Material Safety Data Sheet

Common Culture Soft Mesh Nylon Trellis Netting

1. IDENTIFICATION

Product Name: Common Culture Mesh Trellis Netting

Address: 3635 E. 34th St., Tucson, Arizona 85713

County, United States

Phone: 1 855 289 1441

Preparation Date: 12/07/2021

2. HAZARD IDENTIFICATION

Emergency Overview:

This product has been evaluated and does not require any hazard warning on the label under established regulatory criteria.

No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing. Handling and/or processing of this material may generate dust which may cause mechanical irritation of the eyes, skin, nose and throat. High dust concentrations have a potential for combustion or explosion.

Primary Route(s) of Exposure:

Inhalation, Ingestion , Eye, Skin Contact

Potential Health Effects

Eye Contact:

No significant irritation expected other than possible mechanical irritation. Heated material can cause thermal burns. When heated to decomposition, it emits acrid smoke and irritating fumes.

Skin Contact:

No significant irritation expected other than possible mechanical irritation. Heated material can cause thermal burns.

Inhalation:

Exposure to airborne concentrations well above the recommended exposure limits may cause irritation of the nose, throat, and lungs. If heated to more than 300°C, the product may form vapors or fumes which could cause irritation of the respiratory tract, coughing, and shortness of breath.

Ingestion:

No significant health hazards identified.

3. COMPOSITION

Chemical Name: Polymer Polyethylene Terephthalate

Synonyms: PET, PETE

Formula: (C₁₀H₈O₄)

CAS No.: 25038-59-9

GHS Classification: Not hazardous according to GHS criteria.

Percentage (%): ~ 98-99%

Chemical Name: Carbon Black (Colourant Preparation)

CAS No.: 133-86-4

GHS Classification: Not hazardous according to GHS criteria.

Percentage (%): ~ 1%

4. FIRST AID MEASURES

Eye Contact:

Immediately wash eyes with water for at least 15 min. Consult physician if irritation or other symptoms occur.

Skin Contact:

For serious burns, get medical attention. In case of skin contact with hot polymer, immediately immerse in or flush with clean, cold water.

Inhalation:

Remove to fresh air. Consult a physician if irritation of respiratory passages occurs.

Ingestion:

If ingested, dilute swallowed material by drinking water. Never give anything by mouth to an unconscious person. Get medical attention if Irritation or other symptoms develop.

Other Instructions:

Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Point:

Not applicable

Extinguishing Media:

Dry chemical, carbon dioxide, foam, water spray.

Special Fire Fighting Procedure:

In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with water, foam or dry chemical. Do not use water jet.

Unusual Fire and Explosion Hazards:

Avoid accumulation and dispersion of dust to reduce explosion potential. Fire may produce irritating gases and dense smoke.

Hazardous Combustion Products:

When forced to burn, the major gaseous products of the combustion of plastic resin are carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Restrict access to keep out unauthorized or unprotected personnel. Wear appropriate personal protective equipment during all clean-up activities. Avoid inhalation and direct contact.

Environmental Precautions:

Keep spilled material away from heat, sparks and open flames. Ensure adequate ventilation.

Methods for Clean-Up:

Collect spilled material using a method that minimizes dust generation (e.g., wet methods, HEPA vacuum). Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

7. HANDLING AND STORAGE

Handling:

Maintain good housekeeping. Spilled materials may create a slipping hazard. Remove dust from settling areas to prevent any secondary potential dust explosion or fire hazards. Electrostatics charge may build up during handling. Grounding of equipment is recommended.

Storage:

Keep dry. Store away from extreme heat and away from strong oxidizing agent.

Container Use:

Keep containers closed to prevent contamination.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering Control:

If user operations generate dust or fumes, ventilate the area to prevent accumulation.

Personal Protective Equipment:

According to good practice of industry

Exposure Limits:

No exposure limits have been established.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Filament Yarn

Color: N/A

Odor: Odorless

Boiling Point: Not available

Melting Point: 250 - 260°C

Auto-ignition temperature: 500°C

Solubility in Water: Insoluble

Specific Gravity: 1380 kg/ m³

Vapor Density: Not applicable (air = 1)

Evaporation Rate: Not applicable (Butyl Acetate = 1)

Vapor Pressure: Not applicable

PH Value: Not applicable

% Volatile: Not applicable

10. STABILITY AND REACTIVITY

Stability:

Stable

Condition to Avoid:

None under normal storage conditions

Hazardous Decomposition Products :

Burning can produce carbon monoxide and/or carbon dioxide and other organic vapors.

Hazardous Polymerization:

Under normal conditions of storage and use, hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

The product itself is not toxic after processing. There is no evidence of risks to the health of the employees as long as the fiber material is processed and handled properly.

12. ECOLOGICAL INFORMATION

The fiber is not hazardous to the environment.

13. DISPOSAL INFORMATION

Disposal Method:

It must be disposed of in accordance with Federal, State and local environmental control regulations.

14. TRANSPORT INFORMATION

This product is not regulated as a hazardous material/dangerous good for all forms of Transportation.

Proper Shipping Name: Not listed
Hazard Label: Not applicable
Hazard Class: Not regulated
UN/NA Number: Not applicable
Hazard Placard(s): Not applicable
Packing Group: Not applicable
Reportable Quantity: Not applicable
Emergency Response Guide (ERG) No.: Not applicable

15. REGULATORY INFORMATION

U.N. GHS Classification & Labeling Information:

Classification: Not hazardous according to GHS criteria.

NFPA 704 Information: N/A

Health Rating: 0

Flammability Rating: 1

Reactivity Rating: 0

Other Hazards: Not applicable

U.S. Federal Regulatory Information:

EPA Clean Air Act: Not listed

EPA Clean Water Act: Not listed

TSCA: The ingredients of this product are listed on TSCA inventory (40 CFR 710).

RCRA: This product as supplied is not considered a RCRA hazardous waste.

CERCLA RQ: Not listed

European Union Regulatory Information:

Classification: Not hazardous according to EU criteria.

Canadian Regulatory Information:

Classification: Not hazardous according to WHMIS criteria.

Domestic Substances List (DSL): Listed

16. OTHER INFORMATION

Disclaimer of Liability:

This material is not intended for use in products which have prolonged contact with mucous membranes; devices with direct or indirect contact with the blood pathway; devices which contact bone, tissue, tissue fluid, or blood for prolonged periods or devices intended for implantation within the body. No biomedical application is intended unless the finished product has been fully tested in accordance with Food and Drug Administration and/or other applicable safety testing

requirements. Because of the wide range of potential application, Common Culture., is not able to recommend this material as safe and effective for any above mentioned use and assumes no liability for such use.

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