Safety Data Sheet

DÜOTEX FR 6.4MM

Section 1. Identification

Product identifier: DÜOTEX FR 6.4MM
Other means of identification: FIN27334, FIN27502, FIN27503, FIN27422, FIN27420, FIN27418.
Recommended use: industrial and commercial acoustic applications

Supplier's details:

Texel
485 rue des Érables,
Saint-Elzéar, Qc, G05 2J0
Téléphone : 1-800-463-8929

Emergency phone numbers: **1-800-463-8929**

Or call your local Emergency Health Services Center.

Section 2. Hazard identification

Classification: **Not classified**

Although the product contains individually GHS-listed ingredients, the product, in its final form, does not represent a health hazard and, therefore, is not classified.

Signal word: None

Hazard statement: None

Precautionary statement: None

Section 3. Composition/information on ingredients

Name	CAS	Proportion range
Poly(ethylene terephtalate)	25038-59-9	68.9 – 72.1%
Styrene-acrylate polymer	N/A	18.5 %
Phosphinicacid, diethyl-, zinc salt	284685-45-6	≤ 3.9%
Carbon black	1333-86-4	≤ 3.3%
Phosphorous Flame retardant	N/A	≤ 3.3%
Titanium dioxyde	13463-67-7	≤ 1.23%
Lubricant	N/A	≤ 0.78%
Ammonia	7664-41-7	≤ 0.22%
Ammonium hydroxide	1336-21-6	≤ 0.07%
Dye pigment	N/A	≤ 0.05%

Section 4. First-aid measures

Description of necessary First-aid measures: These first-aid measures apply after exposure to abrasion dust.
Eyes: Flush eyes with plenty of water. Check for contact lenses; carefully remove them if you can.
Skin: Rinse skin with plenty of water and wash exposed areas with soft soap and water.
Inhalation: In case of breathing difficulty following exposure to product, move the victim to fresh air. If the victim ceased breathing, provide artificial respiration. Do not use mouth-to-mouth techniques if victims face, mouth and airways are contaminated with the substance. Induce artificial respiration with a pocket mask equipped with a one-way valve or other proper respiratory medical devices.
Ingestion: In case of ingestion, DO NOT induce vomiting. Rinse mouth with water.

Most important symptoms/ effects, acute and delayed:
Possible skin and eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary:
Get medical attention in case of irritation symptoms.

Section 5. Fire-fighting measures

Suitable extinguishing media
Preferably use foam, dry powder, carbon dioxide (CO2). Do not spray water directly on metal fires. Otherwise, use fire fighting methods and materials that are appropriate for surrounding fire.

Specific hazard arising from the chemical
Does not apply to product.

Special protective actions for fire-fighters
Fire fighters must wear full face NIOSH approved SCBA respiratory protection as well as complete personal protection equipment.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
For non emergency personnel: Does not apply to product
For emergency personnel: Wear all necessary personal protection equipment and respiratory protection according to size of spill and air concentrations.

Environmental precautions:
Keep product out of sewers and waterways

Methods and material for containment and cleaning up:
Sweep up or shovel. Put what may be reused in one container and what is contaminated in another for disposal.

Section 7. Handling and storage

Precaution for safe handling:
Wear all appropriate personal protection gear. Avoid vapour inhalation, and repeated contact with skin. Practice industrial hygiene.

Conditions for safe storage:
Store in a cool dry and well-ventilated area away from ignition sources.

Section 8. Exposure Controls/Personal Protection

Control parameters:

Carbon Black (133-86-4)
ACGIH: TWA 3.5 mg/m^3
OSHA: TWA 3 mg/m^3

Titanium Dioxide (13463-67-7)
ACGIH: TWA 10 mg/m^3
OSHA: TWA 10 mg/m^3

Ammonium hydroxyde (1336-21-6)
ACGIH: TWA 25 ppm
NIOSH: TWA 25 ppm

Ammonia (7664-41-7)
ACGIH: TWA 25 ppm
OSHA: TWA 50 ppm

Appropriate engineering controls:
Use with adequate ventilation to meet the limits listed above.

Individual protection measures:

Eyes/Face protection: Safety glasses with side shields, to avoid eye contact.
Skin protection: Work gloves.
Respiratory protection: Respiratory protection is to be chosen based on air concentration levels.

Section 9. Physical and chemical properties

Physical state: Solid
Color: Grey brown
Odour: Not applicable
Melting point/Freezing point: Not available
Boiling point: Not available
Flammability: Product is flammable
Lower and upper explosion limits: Not available
Flash point: Not available
Auto-ignition temperature: Not available

Decomposition temperature: Not available
pH: Not available
Kinematic viscosity: Not available
Solubility: Not available
Partition in coefficient n-octanol/water: Not available
Vapour pressure: Not available
Density: Not available
Relative vapour density: Not available
Particle characteristics: Not available

Section 10. Stability and reactivity

Reactivity: Product is not reactive
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: None expected
Conditions to avoid: Keep away from ignition sources
Incompatible materials: Not applicable
Hazardous decomposition products: Carbon oxides

Section 11. Toxicological information

Acute toxicity

Name	CAS	LD_{50}	TC_{lo} / LC_{50}
Carbon black	1333-86-4	Rat (oral) > 8000 mg/kg Rabbit (skin) > 3000 mg/kg	NA
Titanium dioxide	13463-67-7	Rat (oral) > 10000 mg/kg Rabbit (skin) > 10000 mg/kg	NA
Ammonia	7664-41-7	NA	Rat 2000 ppm – 4H

Skin corrosion/irritation
Titanium dioxide: Mild skin irritation for humans – 3hr

Serious eye damage/irritation: No data available

Respiratory or skin sensitisation: No data available

Gem cell mutagenicity
Titanium dioxide: In vitro tests: Effects on the ovaries and lungs in guinea pigs.

Carcinogenicity
Titanium dioxide: Rat: Inhalation and intramuscular: tumours
Carbon black: Classified Group 2B (possibly carcinogenic) by IARC

Reproductive toxicity: No data available

STOT- Single exposure: No data available

STOT- repeated exposure: No data available

Aspiration hazard: No data available

Information on likely route of exposure: Inhalation, eyes, skin and ingestion

Section 12. Ecological information

Toxicity:

Carbon black (1333-86-4)	Toxicity to fish	LC_{50} Zebra fish >1000 mg/l - 96hr
	Toxicity to daphnea	LE_{50} Water flea >56000 mg/l - 24hr
	Toxicity to algea	LE_{50} Zebra fish >1000 mg/l - 96hr
Titanium dioxide (13463-67-7)	Toxicity to fish	LC_{50} Other >1000 mg/l - 96hr
	Toxicity to daphnia	LE_{50} Water flea >1000 mg/l - 48hr

	Toxicity to algea	LE_{50} Water flea >1000 mg/l - 48hr
Ammonia (7664-41-7)	Toxicity to daphnia	LC_{50} Water flea 25.4 mg/l - 48hr

Persistance and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

PBT and vPvB assessment: No data available

Other adverse effects: No data available

Section 13. Disposal considerations

Disposal methods
Offer surplus to an authorised landfill.

Section 14. Transport information

Classification DOT/ IMDG/IATA label: Not regulated

Section 15. Regulatory information

D2B – Toxic material causing other toxic effects.

Classification SGH for raw elements only::

Eye irritation, category 2
Carcinogen, category 2

Signal word: Warning

Section 16. Other information

Date of preparation: July 19th 2018 **Version:** 0
Elaborated by: Toxyscan inc., 1-866-780-0599

Date of standardization: July 23rd 2018 **Version:** 1
Date of standardization: August 2nd 2018 **Version:** 2
Elaborated by: Andre Parent, Quality & CI Director, Texel Technical Materials, Inc., 418-387-5910

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