PFL Anti-slip
Safety Data Sheet

1. Identification of Substance & Company

Product Name	PFL Anti-slip
Company Name	Peter Fell Limited
Address	81 Patiki Rd, Avondale, Auckland, New Zealand
Telephone Number	+64 9 828 6460
Product Use	Provide texture and grip to concrete surfaces

2. Hazard Identification

Hazard Classification	Non-Hazardous Substance Non-Hazardous Goods

3. Composition/Information on Ingredients

Chemical Characterisation	Polyethylene Powder, containing pigments and additives	
Ingredients	Polyethylene + Additives	96-100%
	Pigment Masterbatch	0-4%

4. First Aid

Inhalation	Remove to fresh air. Seek medical advice if symptoms persist.
Ingestion	Rinse mouth with water. Give plenty of water to drink. Do not induce vomiting. Seek medical advice if symptoms persist.
Skin contact	If irritation occurs, wash contact area with soap and water. Molten material will adhere to skin and cause burns. Cool material as quickly as possible with water. Do not remove material or clothing from skin as this may result in further damage to the skin – see a physician for removal of the material and treatment of the burn.
Eye	If powder gets in the eyes, wash with copious amounts of water, holding eyelids open. Treat as skin burn if in contact with molten material. In all cases of eye contamination it is a sensible precaution to seek medical advice.
First Aid Facilities	Eye wash and normal washroom facilities
Advice to Doctor	Treat symptomatically. Advice as per above information

5. Firefighting Measures

Extinguishing Media	Carbon dioxide, foam, dry chemical, water fog or fine water spray
Special Fire Fighting Procedures	Fire fighters must use self-contained breathing apparatus
Unusual Fire and Explosion Hazards	High concentration of airborne powders, fines or dust may form explosive mixtures with air. Risk of dust explosion is increased if flammable vapours are also present. May accumulate hazardous static charge when agitated in transfer handling systems
Hazchem Code	n.a.
Decomposition Temp.	> 250°C

6. Accidental Release Measures

Spills and Disposal	Dampen down to prevent spread by wind. Shovel or sweep up spilled material and dispose of or recycle. Disposal of recovered material should conform to local regulations. If large quantities of this material enter the waterways, contact the Environment Protection Authority or your local Waste Management Authority.

7. Storage & Handling

Handling	Ensure good ventilation/exhaust at workplace. Avoid contact with eyes and skin. Avoid inhalation of dust. Minimise production of fines/dust when handling the polymer. Prevent build up and concentration of fines/dust around handling equipment and on surfaces such as ducting, structure beams and ceilings. Earth (ground) all material handling and transfer equipment to dissipate static electricity. Keep away from uncontrolled heat and other ignition sources.
Storage	Store in a cool, dry area

8. Exposure Controls/Personal Protective Equipment

Engineering Controls	Good general ventilation is required under ordinary conditions of use. Avoid inhaling dusts and fumes generated during use. Use with local exhaust ventilation during processing.
Personal Protective Equipment	Thermal resistant gloves should be worn when handling hot materials. Use safety glasses. Under dusty conditions, approved respirators to AS/NZ1715 and AS/NZ1716 should be worn to avoid exposure by inhalation.
Other Exposure Information	A limit of 10mg/m^3 for nuisance dusts is recommended.

9. Physical & Chemical Properties

Form	Solid
Appearance	Natural
Decomposition Temp.	> 250°C
Melting Point	100-140°C
Boiling Point	n.a.
Vapour Pressure	n.a.
Flash Point	n.a.
Flammability	Combustible solid. May form flammable dust clouds in air. Polymer may burn in presence of extreme heat and oxygen. Avoid extreme heat.
Auto Ignition Temp.	Approx. 350°C
Lower Flammability Limit	n.a.
Other Information	Density (range) 0.930 – 0.945 Water solubility: negligible

10. Stability & Reactivity

Stability	Thermal, light, etc.: stable
Conditions to avoid	Extreme heat
Incompatibility	Strong oxidising agents
Hazardous decomposition products	Carbon monoxide, aldehydes, acetic acid, ketones, acrolein, ethane, methane

11. Toxicological Information

Toxicology Information	Not Available
Inhalation	Inhalation of dust may cause irritation of nose and throat. Fumes given off during processing can cause respiratory irritation, headache and nausea.
Ingestion	No known effects/minimal toxicity. May cause choking if swallowed.Large amounts may cause nausea and vomiting.
Skin	Prolonged skin contact may result in irritational rash. Molten product may cause burns
Eyes	Molten product may cause burns. Fines and powder may scratch eye surfaces and cause mechanical irritation. Fumes given off during processing may cause eye irritation.
Chronic Effects	None known.

12. Ecological Data

Environmental Protection	No data available

13. Disposal Considerations

Disposal	Spilled or waste material must be disposed of in accordance with the applicable local Government regulations.

14. Transport Information

U.N. Number	n.a.
Proper Shipping Name	n.a.
DG Class	n.a.
Hazchem Code	n.a.
Packing Group	n.a.
Storage and Transport	Keep containers closed and check regularly for spills. The products listed in this SDS are not classified as dangerous goods for any form of transportation or storage.

15. Regulatory Information

Poisons Schedule	Not scheduled
Packaging and Labelling	No special requirements

16. Other Information

Manufacturers Advice	Conveying lines and equipment in material handling systems should be grounded to eliminate or reduce the build up of static electricity. Avoid sources of ignition where fines may occur.
Other Information	Since the specific conditions of use of this product are outside the control of the supplier, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is correct to the best of our knowledge and information at the date of publication. The information relates only to the specific product(s) designated and may not be valid for the product if used in combination with other products or any processes other than those specified in the text.
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End of SDS