



## Material Safety Data Sheet

# ViroTuff

Environmentally Friendly, Anti-Slip Coating

Not classified as a hazardous product according to the criteria of Worksafe Australia

### Identification

Product Name: ViroTuff  
 Other Names: Duram ViroTuff  
 U.N. Number: N/A  
 Class: N/A  
 Hazchem Code: N/A  
 Poison: N/A  
 Schedule:  
 Pack Sizes: 1, 4, 15 Litre Pails

### Physical Description

Appearance: Coloured creamy liquid encompassing aggregates. Mixes with water.  
 Boiling Point: 100% (Water)  
 Vapour: As for water.  
 Pressure:  
 Percent: N/A  
 Volatiles:  
 Specific Gravity: 1.05 to 1.1  
 Flash Point: N/A (Water Based)  
 Flammability: N/A  
 Water Solubility: Miscible. Will dissolve in water until fully cured.

### Ingredients

Chemical	CAS No.	Proportion
Synthetic acrylic emulsion.	none	<35%
Minor ingredients	N/A	<30%
Aliphatic Urethane Acrylate	none	<35%
Fillers	N/A	<25%
Colourants	none	<5%

### Uses:

Designed as an anti-slip coating for pedestrian areas such as walkways, stairs, industrial floors, domestic areas (pools surrounds, garages, decks).

## Health Warning Information

### Health Effects

Swallowed: Material is regarded as low oral toxicity. Considered an unlikely route of entry in commercial and industrial environments. The liquid is discomforting to the gastro-intestinal tract if swallowed. Ingestion may result in nausea, abdominal irritation and vomiting.

Eye: The liquid is discomforting to the eye's and is capable of causing a mild, temporary redness of the conjunctiva (similar to windburn) or irritation. Temporary impairment of vision and or other transient eye damage / ulceration. The vapour is mildly discomforting to the eye's.

Skin: Mildly irritating. May affect skin with prolonged contact such as dermatitis. Avoid exposure to skin that is cut, damaged or irritated.

Inhaled: Not normally a hazard due to non-volatile nature of product. Overexposure is unlikely in this form. Inhalation may cause irritation to nose, throat and respiratory system. Inhalation of vapour is more likely at higher than normal temperatures.

Toxicology: No data available.

CHRONIC HEALTH EFFECTS: Principal routes of exposure are usually by skin contact with the material and inhalation of vapour. There are no known chronic health effects associated with the product. Prolonged or repeated skin contact may cause drying with cracking. Irritation and possible dermatitis following.

Avoid contact with unprotected skin, inhalation of vapour or ingestion. Observe good occupational work practices.

### First Aid

Swallowed: Do not induce vomiting. Give plenty of water to drink. Rinse out mouth. Seek medical assistance or contact the Poisons information Service (Australia 13 1126 and New Zealand 03 4747000).

Eye: Flush thoroughly with clean water, holding eye lid open to flush product from under the lid. Removal of contact lens after injury should be done by a skilled or medical person. Advisable to seek medical advice.

Skin: Remove contaminated clothing, and wash with soap and water. Seek medical attention in event of irritation.

Inhaled: If fumes or combustion products are inhaled: Remove to fresh air. Lay patient down keep warm and rested. Other measures are usually unnecessary.

### Advice to Doctor

Treat symptomatically.

## Precautions in Use

Product is considered low risk.

#### Exposure Standards

No exposure limits have been established.

Biological: No limited allocated.

Although negligible in formulation: Ammonium hydroxide as ammonia ES TWA: 25ppm, 17mg / m<sup>3</sup>: STEL:35 ppm,24 mg / m<sup>3</sup>.  
Ammonium hydroxide - as ammonia.

ES TWA: 25ppm, 17mg/m<sup>3</sup>,STEL: 35ppm, 24mg/m<sup>3</sup>.

TLVTWA: 25ppm, 17mg/m<sup>3</sup>, STEL: 35ppm, 24 mg/m<sup>3</sup>.

#### ENGINEERING CONTROLS

Use in well ventilated areas. General exhaust is adequate under normal operating conditions.

Industrial Hygiene: Observe normal good hygiene. If contact has been made with the product, wash hands before eating.

#### Exposure Limits

Refer above.

#### Ventilation

Product should be applied in areas with adequate ventilation.

#### Personal Protection

Gloves: Rubber or PVC. Do not use solvent to clean the skin.

Eyes: Safety goggles. The wearing of contact lenses poses an additional risk. Soft lenses may absorb irritants and all lenses concentrates them.

Feet: Wear safety footwear.

Clothing: Suitable work wear.

### Safe Handling Information

#### Storage and Transport

Not classified as dangerous.

Store in cool, dry area and place out of the reach of children. Product is not flammable. Avoid freezing. Best stored above 0°C and below 35°C

Store in original containers. Observe manufacturers storing and handling recommendations.

Check containers are labeled and leak-free.

Transport: Not classified as dangerous according to the Australian Code for transportation of Dangerous goods by road or rail.

Stability & Hazards: Product is stable under normal use. Avoid heat and flames. Thermal decomposition may result in the release of toxic or irritating fumes including carbon monoxide and carbon dioxide.

Self Life: Approx 12 months.

Storage incompatibility: None known.

Transportation Restrictions: None.

#### Spills and Disposal

Clean up spills immediately, Avoid breathing vapours and contact with skin and eyes. Prevent spills from entering the drains or sewers. Absorb product with sand or earth or absorbent material and dispose to land fill in accordance with local council regulations.

Major spills unlikely due to individual size of containers.

#### Fire / Explosion Hazard

Product is not readily combustible under normal conditions. However, it will breakdown under fire conditions and the organic component may burn.

Heat may cause expansion or decomposition with violent rupture of the containers. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO)

May emit acrid smoke. Combustion products include ammonia.

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### Conditions of Use and Disclaimer

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