

Tuff-Coat Manufacturing,
 Inc.
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Material Safety Data Sheet (MSDS)

Identification:

PRODUCT NAME: Ultra TUFF/TUFF Coat Marine
 OTHER NAMES: Non-Slip Coating
 U/N NUMBERS: N/A
 D/G CLASS: N/A
 HAZCHEM CODE: N/A
 POISONS SCHEDULE: N/A
 PACK SIZES: 1 qt. 1 gal. 5 gal.
 USES: Non-slip decorative protective for safety & protection

Physical Description/Properties:

APPEARANCE: Colored liquid
 BOILING POINT (C): 100 C
 VAPOR PRESSURE: (20 C Kpa) 2.36
 PERCENT VOLATILISE: 45% w/w
 SPECIFIC GRAVITY: 1.05
 FLASH POINT (C) CLOSED CUP: Napp
 FLAMMABILITY (%): Napp
 SOLUBILITY IN WATER: Soluble
 N/A NONE ALLOCATED: Napp NOT Applicable
 Nav NOT Applicable

Ingredients:

ENTITY	CAS NO.	PROPORTION
Urethane/Acrylic Copolymer		31-60%
Water	7732-18-5	31-60%
Rubber Crumb		10-29%
N-Methyl Pyrrolidone	872-50-4	0.25-0.5%
Triethylamine	121-448	0.25-0.5%
Pigments & Plasticisers		1-9%
Thickeners & other minor ingredients		1-9%

VHIGH>60 HIGH 30-60 MED 10-29
 LOW 1-9

Health Hazard Information:

Health Effects:

No adverse health effects are expected if the product is handled in accordance with MSDS.

SWALLOWED: No adverse effects expected, however large amounts may cause nausea and vomiting.
 EYE: May be an irritant.
 SKIN: Contact with skin may result in irritation.
 INHALED: Vapor may be an irritant to mucous membranes.

First Aid:

INHALED: Fresh Air.
 EYE: May be an irritant.

SKIN: Remove contaminated clothing. Wash contaminated skin with plenty of soap and water. If irritation persists seek medical advice.

SWALLOWED: Rinse mouth with water. Give plenty of water to drink. If vomiting occurs give more water to drink. Seek medical advice.

Advice to Doctors: Treat symptomatically.

Flammability: Non-combustible material.

Ventilation: Local exhaust ventilation required if concentration likely to exceed these limits. It is recommended that the product is always applied ensuring adequate ventilation.

Personal Protection:

GLOVES: Avoid skin contact PVC gloves and overalls.

EYES: Safety goggles.

Breathing apparatus may be required in confined areas which meet the requirements of AS1715 and AS1716.

Safe Handling Information:

STORAGE AND TRANSPORT:

No hazmat restrictions. No shipping restrictions. Store in closed containers in well ventilated areas away from direct sunlight. Store between 5C and 40C. (41F and 104F). Keep from freezing.

SPILLS AND DISPOSAL:

Spills - Slippery when wet. Use protective clothing. Contain spill with sand, soil or other inert material. Collect and seal in properly labeled drums for disposal. Wash area with detergent and excess water.

Disposal - Refer to State Land & Waste Management.

Fire/Explosion Hazard:

Not combustible, however following evaporation of aqueous component residue material can burn if ignited. Water can be used to cool closed containers to prevent pressure build up. Fire fighters to wear self contained breathing apparatus if at risk of exposure to vapor of product after combustion.

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