Vanaheim Technologies Ltd

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Rope Code Paint

Product and Material Safety Data Sheet

Rope Code is a tough, flexible, water-borne urethane copolymer coating designed to act as a binder and colour coder for uncovered braided synthetic fibre rope.

The coating will protect and bind the braided rope core to reduce chafing while increasing wear resistance and fibre binding.

Available in a range of colours to enable quick identification of individual ropes.

Typically Used On

Halyards, Sheets, Lines, Strops, Nets, Cordage.

Colours

Black, Blue, Green, Grey-Silver, Red, Clear.

Other colours available on request.

Properties

Safe to use with low odour.
Tough and hard wearing.
Bright clean colours.
Chemical resistant.
Flexible.
Water resistant.

As manufacturers we can modify the Rope Code manufacturing formulation to suit individual customer requirements (may require price adjustment).

Require more stiffness in the rope for added chaff and wear resistance ?
Require less colour strength (or create special colours to your specification) ?
Require a thicker version for easier application (but less braid penetration) ?

Application

1. Ensure rope to be coated is free from dirt, grease and all other contaminants.
2. Rope that has been washed to remove salts may be left slightly damp though not wet.
3. Shake Rope Code Paint container well, immediately before use.
4. Soak, wipe or brush on Rope Code Paint.
5. Work well into rope fibres.
6. Squeeze and wipe off excess coating.
7. Let dry (15-45 minutes depending on ambient drying conditions).
8. Rope stiffness and maximum chafing resistance will develop over the next 24 hours.

Cleaning Of Equipment

All application equipment can be cleaned in water.

Packaging

500 mls, 1 litre, and 4 litre plastic containers. Larger sizes available on request.

Shelf Life

Up to 12 months in sealed containers.

Thinning

Not normally required. In a particularly hot environment up to 5% water may be added.

Recoating

Rope Code may be recoated by itself anytime. Recoating frequency is depended upon use and the general wear and tear the coated rope is exposed to. Wash rope thoroughly before recoating.

Warranty

As Vanaheim Technologies Ltd has no control over product application, buyers and users must make their own assessment that the conditions and end use application of Rope Code Paint meets their requirements.

NO RESPONSIBILTY IS ACCEPTED, EXCEPT THOSE NON EXCLUDEABLE CONDITIONS OF NEW ZEALAND LAW.

Vanaheim Technologies Ltd responsibility is limited, at its discretion, to the replacement of Rope Code Paint or the refund of the original purchase cost.

Material Safety Data

Ingredients	CAS No	%	TWA
diethylene glycol monethyl ether	111-90-0	1-9	25 ppm
propylene glycol	57-55-6	1-5	150 ppm
acrylic urethane copolymer	None	30-60	
water	7732-18-5	30-60	

Not regulated under UN code for transport of dangerous goods.

Properties

Liquid, mixes with water.

Health Hazard Information

Possible skin sensitiser.
May be harmful to the foetus/embryo.
Cumulative effects may result following exposure.

First Aid

Swallowed – Call Doctor/Poison Centre, Rinse mouth with water. Do not induce vomiting.
Eye – Wash with running water for 15 minutes. Seek medical attention.
Skin – Wash with soap and water. Apply cleansing cream.
Inhaled – Fresh air, rest, keep warm. If breathing shallow give oxygen. Seek medical help.

Precautions For Use

Engineering Controls - General Exhaust Ventilation.
Glasses – Chemical goggles.
Gloves – Butyl, Neoprene, Viton.
Respirator – Type A-P filter of sufficient capacity.
Flammability – Does not burn.

Safe Handling Information

Storage & Transport – Store in a cool, dry, protected area.
Spills & Disposal - Absorb with dry agent, Stop leak if safe to do so.
Fire/Explosive Hazard – Toxic smoke and fumes in a fire.
Fire Fighting – Keep surrounding areas cool. Water spray/fog.

Advice To Doctor

Treat Symptomatically.