

HPS - TCP C1 Roll On

MMA 98:2 Coloured Surface Treatment

PRODUCT DATA

Product Type: TCP C1 Roll On - Methyl Methacrylate (MMA) 98:2
 Product Codes: CAPC1600
 Product Colors: EF Green, EF Bus Lane Red
 EF White, EF Black, EF Yellow, EF Blue & custom colours on request
 Description: HPS -TCP C1 Roll On is a specialised MMA broad area coloured surface treatment. A heavy wearing, Cold Applied Plastic (CAP) formulated to be used in conjunction with EF HPS P5 primer for a variety of different surfaces and finishes.
 Effective Date: Nov 2018



Product Description:

HPS – C1 Roll On is a MMA based resin CAP marking material, developed for High Friction coatings, Anti-slip coatings, Broad Area Coloured Surfaces, Pedestrian Crossings, Waterproof Coatings, Marine surfaces, and specialised uses in the mining industry. As a multi coat system, encapsulating aggregates, anti-slip coatings and skid resistance can be maintained for the designed life of the project.

Product Advantages:

- **Extremely Durable and hard wearing.** A solution for areas where heavy, frequent vehicle traffic and high grip / anti slip requirements are an issue.
- **Non-Slip.** The high friction texture significantly reduces the occurrence of aquaplaning for vehicles, cyclists and anti slip effectiveness & safety for pedestrians.
- **Weatherability.** UV colour stable pigments, chemical and crack resistant reduce markings fading and increase marking life.
- **Fast back to Traffic.** Fast dry, minimizing downtime, application costs and worker time on the road. Low application temperatures with reliable cure times down to 5°C.
- **Easy to apply.** Pre-packaged for on-site convenience and mixing.
- **Multi use application.** Recommended for streets, highways, anti slip coatings, crosswalks, broad area coloured surfacing, marine decking, waterproof coatings, timber floors and the mining industry .
- **Adhesion.** Tenacious adhesion to most substrates. NOTE: some specialised primers may be required for optimum adhesion

Packaging: HPS – C1 Roll on 98:2 is available in 20kg pails. The product must be used with Ennis Flint BPO Hardener.

Storage:

Keep cool in a dry covered protected area between 5°C – 35°C and must be stored out of direct sunlight. Use within 6 months of receipt.

Catalyst Recommendations:

Ennis-Flint recommends using 2.0% EF BPO Hardener by weight of catalyst in addition to the HPS- C1 Roll On in all acceptable surface temperature ranges between 5°C and 40°C. Using less catalyst will increase cure times and possibly negatively impact the success of the application.

Coverage:

For base coat, between 1.5kg/m² & for the second coat, 1kg/m² when applying 1-3mm aggregate between coats. Application requirements vary depending on type of surface, aggregate used and texture required.

Safety & Transport:

Refer to Safety Data Sheet (SDS)

Physical Characteristics:

Density (kg/ltr)	1.50-1.60kg/L
Solids (%weight)	>99% (cured)
VOC	<1g/L
Pot Life	<10mins
Cure/No Track Time	<20mins*
Hardness (Shore D)	50 Min
Skid Resistance	≥ 45 bpn
Chemical Resistance	(refer chemical resistance chart)
Luminance	White: >80

*Using EF BPO Hardener at 2% by weight and applied at 25°C ambient conditions.

Limitations:

- Contact Ennis-Flint when road and/or ambient temperatures are below 15°C
- Do not apply when temperatures are near, or below the dew point
- Do not apply if the surface is not completely dry
- P2 Concrete Primer is required prior to application to any concrete surface
- Please contact your E/F sales representative for further information relating to the use and limitations of this product

The product data offered herein is, to the best of our knowledge, true and accurate, but all recommendations are made without warranty, expressed or implied. Because the conditions of use are beyond our control, neither Ennis-Flint nor its agents shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product described herein. As Ennis-Flint has neither control over the installation of product described herein nor control of the environmental factors the installed markings are subjected to, there is no guarantee as to the durability or the retroreflective properties of any marking system applied. No person is authorized to make any statement or recommendation not contained in the Product Data, and any such statement or recommendation, if made, shall not bind the Corporation. Further, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents, and no license under the claims of any patent is either implied or granted.



ENNIS TRAFFIC SAFETY SOLUTIONS PTY LTD ABN 34 064 325 631
 29-31 Memorial Avenue, Ingleburn NSW 2565 Ph: +61 2 98294275
 9 Akatea Road Glendene Auckland 0602 Ph: +64 9 818 6410

enquiry@ennisflint.com.au www.ennisflint.com.au

©2018 Ennis-Flint

All Rights Reserved

Page 1 of 2

HPS - TCP C1 Roll On

MMA 98:2 Coloured Surface Treatment

PRODUCT DATA

TRANSPORT AND STORAGE

GHS

DG



UN No: **1263**
 Hazchem Code: **+3YE**
 DG Class: **3**
 Subsidiary Risk: **None**
 Packing Group: **II**
 Poisons Schedule: **S6**

Important: Please read the complete **Safety Data Sheet** and any precautions on the product label before use. **Safety Data Sheet** is available on the Ennis Flint website ennisflintapac.com.au



Scan this image
 for easy access to Safety Data Sheet

HEALTH AND SAFETY

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider chemical goggles.

Gloves:

1. TEFLON 2. PE/EVAL/PE 3. PVA

Respirator:

Type AK-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Storage and Transportation:

Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Use only in well ventilated areas. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. Keep out of reach of children. Keep container in a well ventilated place. Keep away from sources of ignition. No smoking.

Fire/Explosion Hazard:

HIGHLY FLAMMABLE. Toxic smoke/fumes in a fire. Use only in well ventilated areas. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. In case of fire and/or explosion, DO NOT BREATHE FUMES.

FIRST AID

Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION.
Eye:	Wash with running water.
Skin:	Remove contaminated clothing. Wash with soap & water.
Inhaled:	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
Advice To Doctor:	Treat symptomatically.
Fire Fighting:	Keep containers cool. Foam.
Spills and Disposal:	Eliminate ignition sources. Consider evacuation. Prevent from entering drains. Contain spillage by any means. Absorb with dry agent. Stop leak if safe to do so. Use only in well ventilated areas. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water and detergent.

Poisons Information Centre: Australia 131 126; New Zealand 0 800 764 766



ENNIS TRAFFIC SAFETY SOLUTIONS PTY LTD ABN 34 064 325 631
 29-31 Memorial Avenue, Ingleburn NSW 2565 Ph: +61 2 98294275
 9 Akatea Road Glendene Auckland 0602 Ph: +64 9 818 6410

enquiry@ennisflint.com.au

www.ennisflint.com.au

©2018 Ennis-Flint

All Rights Reserved

Page 2 of 2

The product data offered herein is, to the best of our knowledge, true and accurate, but all recommendations are made without warranty, expressed or implied. Because the conditions of use are beyond our control, neither Ennis-Flint nor its agents shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product described herein. As Ennis-Flint has neither control over the installation of product described herein nor control of the environmental factors the installed markings are subjected to, there is no guarantee as to the durability or the retroreflective properties of any marking system applied. No person is authorized to make any statement or recommendation not contained in the Product Data, and any such statement or recommendation, if made, shall not bind the Corporation. Further, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents, and no license under the claims of any patent is either implied or granted.