

# HPS P5 - Universal Primer

## MMA Multipurpose Primer

## PRODUCT DATA

Product Type: Multifunctional Methyl Methacrylate (MMA) primer  
Product Codes: CAPP5000  
Product Colors: Clear  
Description: An easily applied MMA Primer / Sealer  
Effective Date: Nov 2018

### Product Description:

EF P5-Universal Primer is a Methyl Methacrylate resin based primer / coating system cured by the addition of a controlled amount of EF BPO Hardener. This product is designed to provide an excellent bond to metal/timber and give a waterproof, tough finish, resistant to a wide range of chemical spills. EF C5 Universal Primer can be used as a coating for the protection of metal surfaces, a primer for metal surfaces before the application of EF Specialised skid resistant coatings or a clear top coat for EF Roll on skid resistant systems. It encapsulates the aggregate to ensure skid resistance is maintained for the coatings designed life, or even a non-slip base coating for timber surfaces.

### Product Advantages:

- **Fast dry.** Minimize downtime and application costs.
- **Weatherability.** UV colour stable pigments, chemical and crack resistant reduce markings fading and increase coating / 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 mixing and convenience and can be applied by roller, squeegee or brush
- **UV Stable.** Uses UV stable pigments and resins that will not deteriorate when used outdoors.
- **Multi use application.** EF HPS-P5 Universal Primer can be used as a primer for other EF MMA products or as a top / sealing coat.
- **Adhesion.** Tenacious adhesion to most surfaces.

### Packaging:

EF P5 – Primer / Sealer is available in 13kg pails.

### Storage:

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

**Catalyst Recommendations:** Ennis-Flint recommends using 2.0% EF BPO Hardener by weight of catalyst addition to the HPS-P5 Universal Primer 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:

0.2 - 0.4kg/m<sup>2</sup> Coverage rates can vary based on type of surface, texture and absorbency of the surface.

### Safety & Transport:

Refer to the Safety Data Sheet (SDS)



### Physical Characteristics:

Density (kg/liter)	1kg/L
Total 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)

\*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



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### 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](http://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 food, drink and animal feeding stuffs. 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:** If more than 15 mins from Doctor, INDUCE VOMITING (if conscious).

**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