

Concrete Repair Compound

MMA Crack and Gap Filler

PRODUCT DATA

Product Type: HPS Concrete Repair Compound - Methyl Methacrylate (MMA) 98:2

Product Codes: CAPCRC450

Product Colors: Grey , Black

Description: Easily applied, HPS Concrete Repair Compound is a 98:2 MMA resin based system used for filling cracks and holes in almost any concrete or asphalt surface

Effective Date: Nov 2018

Product Description:

HPS-Concrete Repair Compound is a flexible, waterproof MMA resin compound, which is specially formulated for permanent or temporary repair to asphalt and primed concrete surfaces. It consists of a mixture of fine and coarse sands, which gives a durable slip resistant texture. The compound is cured by the addition of a controlled amount of EF BPO Hardener. HPS – Concrete Repair Compound is catalyzed through the introduction of EF BPO Hardener at 2% by weight and mixed through thoroughly. EF HPS Concrete Repair Compound is easily applied by pouring required amount of product into the damaged area, and simply screeding off to achieve the desired finish.

Product Advantages:

- **Quick Curing.** Minimize downtime, application costs.
- **Weatherability.** UV colour stable pigments and resins that will not deteriorate when exposed to outdoor elements. Chemical and crack resistant increase surface / substrate life
- **Fast back to Traffic.** Fast dry means extremely short interruption to foot / vehicle traffic, minimizing downtime and application costs. Low application temperatures with reliable cure times down to 5°C.
- **Extremely Durable.** A solution for areas where pavement damage creates potential trip / slip hazards.
- **Easy to apply.** Pre-packaged for on-site mixing and convenience and can be applied by squeegee or trowel
- **Adhesion.** Tenacious adhesion to asphalt and concrete substrates.

Packaging:

EF HPS-Concrete Repair Compound is supplied ready for application in 13kg pails. The product must be used with the Ennis Flint BPO Hardener (supplied separately) to provide lasting performance. Each pail must be mixed thoroughly before adding EF BPO, using a high torque, high speed drill and paddle.

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 addition to the EF HPS Concrete Repair Compound 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. Once BPO is added the curing process can not be stopped

Coverage:

The application rate will depend on the width and height of the uneven surface. EF HPS- Concrete Repair Compound can be applied from as little as 1mm to a depth of 50mm.

Safety & Transport: Refer to the Safety Data Sheet (SDS)



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Physical Characteristics:

Density (kg/ltr)	1.7-1.95kg/L
Solids (% by weight)	>99% (cured)
VOC	<1g/L
Cure/No Track Time *	<20mins
Hardness (Shore D)	50 Min
Skid Resistance	≥ 45 bpn
Chemical Resistance	(refer chemical resistance chart)

*When applied at 20°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
- 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
	 <p>UN No: 1263 Hazchem Code: +3YE DG Class: 3 Subsidiary Risk: N/A Packing Group: III Poisons Schedule: S6</p>

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



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