

Product Description

DMP 1088A is a two-component, epoxy primer for use where high performance, adhesion, flexibility, and rust inhibition is required. It has a matte to satin finish and has excellent physical and chemical performance. DMP 1088A is an ideal coating to promote adhesion for numerous substrates such as: metal surfaces, FRP, structural foams, ABS plastics, SMC, nylon, and many other plastic surfaces. DMP 1088A can be air dry or force dry cured. It is also ideal for coating heat sensitive substrates because of low temperature cure. DMP 1088A can be top-coated within 30 minutes with Dynathane®, Dynathane® HS, DynaTexture, Dynatexture HS, and many other topcoats that are desired.

Surface Preparation

Metals: Surface must be free of all dirt, grease, fingerprints and other foreign matter. Oxidation products must be removed. Chemical treatment or conversion coating gives best adhesion and performance properties.

Plastics: Coating must be tested on customer's substrate for adhesion prior to written warranty procedure. Adhesion promoter may be required.

Wood: Must be used on interior only! Surface must be sanded and dust free. Seal with one full coat of DynaPrime® Spray Filler.

Application

- Catalyze 4 parts DynaMatch® DMP1088A Epoxy Primer with 1 part DynaMatch® DMP 1088B Catalyst.
- Reduce Catalyzed material with 20% Dynathane DMR series reducer's when faster overcoat times are required. DO NOT EXCEED VOC LIMITS.
- Product has a working pot life of 6 - 8 hours at 70° when mixed. Higher temperatures will shorten pot life.
- Spray catalyzed material to a recommended 1.5 - 2.0mils wet (0.75 - 1.00 mils dry).
- Apply with standard equipment – Pressure or suction feed, airless or electrostatic equipment. For pressure or suction feed 40 - 45 psi recommended.
- Recommended pressure for HVLP is 25 - 30 lbs pressure.

Equipment Clean up

Clean tools and equipment used to apply DMP1088A with Dynathane® DMR series reducer or automotive grade MEK immediately after use.

Health & Safety Data

WARNING: Vapor & Spray mists are harmful. Review M.S.D.S. prior to use.

- DMP1088A is intended for professional use only.
- Keep out of reach of children
- Use in well ventilated areas; avoid contact with skin or eyes.
- DMP 1088A is combustible in wet state. Do not use or store near open flame or very hot surfaces. Do not smoke during application.
- For spray applications, NIOSH approved air fed masks or approved filtered respiratory system must be used.
- Whenever handling or using solvents and coatings, wear protective clothing & gloves.

Storage & Handling

- **Read Material Safety Data Sheet.**
- Store product with labels intact and visible in a clean, dry area protected from direct sunlight and moisture.
- Store product at temperatures between 50° - 86°F (10 - 30°C).
- Sealed, unopened containers have a shelf life of 12 months. Product may require premixing before use due to settling.

Technical Data

Color	White to Buff
Finish	Matte to Satin
Weight Solids	56% By Weight (A&B)
Volume Solids	37% By Volume (A&B)
Flash Point	72° F / 23°C
Reducer	NCP's T-121 or T-236
Application Method	Conventional or Airless spray. Airless spray tip size 0.015 - 0.019 inches Conventional or HVLP recommended with CARC system with Tip size 0.061 to 0.072 and fluid pressure between 45 - 60 psi or 25-30 psi for HVLP.
Wet Edge	0.5 hours
Dry to Touch	0.5 – 1.0 hours
Tack Free	1.0 – 2.0 hours
Full Cure	6 – 8 hour
Over coating	1.0 – 72 hours Given times are approximate times at 68° F (20° C) and at 50% relative humidity. Overcoat times may vary depending on film thickness, temperature, and humidity.
Toxicity	Refer to MSDS
Film Thickness	1.5 to 2.0 mil dry film thickness per coat (2.0 to 2.5 wet).
Coverage	480 ft ² /US gal. at 2.0 mils wet on a smooth surface. The coverage will vary depending on profile, application technique and porosity of substrate.
Temperature Resistance	302° F / 150° C continuous
Volatile Organic Content	4.4 lb/gal (mixed A&B)

Note: The Above information is supplied as a guideline to our customers. The user must be aware of the cleaning, pretreatment, application, and testing requirements for their specific job.

For more information, please contact us at (616-683-3377) or visit our website at www.ncpcoatings.com.