

**PRODUCT NUMBER:** 7-2727

**DESCRIPTION:** Two-Part Thermosetting Liquid Patch Compound

Introduction:

A two part thermosetting 65% solids epoxy liquid coating Nap-Gard 7-2727A and 7-2727B is designed for use on Rebar<sup>®</sup> for touch-up or repair damaged areas on Product No. 7-7709 and 7-2719.

**PRODUCT PROPERTIES**

<b>Color:</b>	Green	<b>Theoretical Coverage:</b>	81.60sq.ft./mil/lb. (1.0m <sup>2</sup> /Liter/mm)
<b>Components:</b>	7-2727A Base 7-2727B Converter	<b>Mixing Ratio:</b>	1:1 by volume Until a uniform color is obtained. (5 min.-Induction period required.)
<b>Shelf Life:</b>	2 Years minimum if kept unmixed and below 25°C (77°F)		

**TYPICAL PROPERTIES OF APPLIED FILM**

<b>Pot Life:</b>	2-3 Hrs. above 25°C (77°F) 3-4 Hrs. @ or below 25°C (77°F)	<b>Volume Solids (50% R.H.):</b>	65% by volume mixed
<b>Cure Time (Touch Dry):</b> <b>(Full Cure)</b>	3-4 Hrs. @ 25°C (77°F) 5-6 Hrs. @ 25°C (77°F)	<b>Specific Gravity:</b>	1.20 Mixed
<b>Volatile Organic Content:</b>	2.54 Lb/Gallon (3.5 g/L)	<b>Flash Point:</b>	85°F - Base 80°F – Curing Agent

Revised 12/06/2004

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## APPLICATION GUIDELINES

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### Surface Preparation:

Proper surface preparation is essential to a successful application. The following procedures should be considered:

- First, degrease the surface by using a good, fast, evaporating degreaser. All oil, grease, loose paint, rust, water and dirt must be removed before applying any epoxy material.
- For damages limited to the topcoat, the damaged areas of the Nap-Gard coating should be repaired by first slightly abrading the sound coating surrounding the damage with emery cloth before applying the patching compound.
- Metal that has been exposed to sea water or other salt solutions should be grit blasted and high pressure water blasted and left overnight to allow any salts in the metal to "sweat" to the surface; repeat blasting to "sweat out" all the soluble salts. A test for chloride contamination should be performed prior to any epoxy application. The maximum soluble salts left on the substrate should be no more than 40 micro grams per square meter.
- For optimal adhesion and durability, roughen the metal surface with 60 - 80 grit sand paper, wire brush or abrasive disk to expose a bare abraded metal surface. This creates improved adhesion for impact and long-term corrosion protection.
- Under cold working conditions, heating the repair area to 38 – 43°C (100 – 110°F) immediately before applying Nap-Gard 7-2727 is recommended. This procedure dries off any moisture, and assists the epoxy in achieving maximum adhesion to the substrate.
- All prepared surfaces should be repaired as soon as possible, to eliminate any changes or surface contaminants.

### MIXING: Mix Ratio - Base (Component A) to Curing Agent (Component B)

See front of data sheet

### APPLICATION:

For best results, product should be kept and applied at room temperature. Nap-Gard 7-2727 can be applied when temperatures are between 13°C and 32°C (55°F and 90°F). When temperatures are below 21°C (70°F), cure and pot life will be longer, and above room temperature, cure and pot life will be much shorter. After the initial coat, Nap-Gard 7-2727 can be applied in a single or multiple coats to the specified thickness. Recoat time between coats is 2 - 4 hours, maximum recoat time is 4 hours. Nap-Gard 7-2727 may be troweled on a vertical or overhead application up to 1/2" thickness without sagging. The blended 7-2727 material should be applied to a film thickness of 25 mils.

### PRECAUTION:

For complete safety and handling information, please refer to the appropriate Material Safety Data Sheets prior to using this product.

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