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## Technical data sheet

– NO MORE RUST NKRN 66 –

### 1. Physical property

|                                |                                   |
|--------------------------------|-----------------------------------|
| <b>Appearance in container</b> | Part A: Grey liquid               |
|                                | Part B: Beige liquid              |
| <b>Mixing Ratio</b>            | Part A: Part B<br>3:2 (by weight) |
| <b>Pot Life</b>                | 1-2hrs (20°C, 60% humidity)       |
| <b>Dry to Touch</b>            | 5-6hrs(20°C, 60% humidity)        |
| <b>Full Cure</b>               | 12hrs(20°C, 60% humidity)         |
| <b>Shelf Life</b>              | 12months                          |

### 2. Test result

| Item                                     | Result                               | Description                                                        |
|------------------------------------------|--------------------------------------|--------------------------------------------------------------------|
| <b>Adhesion</b>                          | 11.3N/mm <sup>2</sup>                | JIS K 5600-5-7<br>Pull off test(Substrate:Blasted steel)           |
| <b>Bending Strength</b>                  | 66.6N/mm <sup>2</sup>                | JIS A 1106                                                         |
| <b>Compressive Strength</b>              | 90.4N/mm <sup>2</sup>                | JIS K 7181                                                         |
| <b>Tensile Strength</b>                  | 72.8N/mm <sup>2</sup>                | JIS K 7161-1                                                       |
| <b>Salt Spray Test</b>                   | No Rust,Blister<br>Peeling and Crack | JIS K 5600-7-1<br>6,000hrs                                         |
|                                          | Below 0.5mm                          | JIS K 5600-7-1<br>6,000hrs cutting part(Maximum and blister width) |
| <b>Impact Resistance</b>                 | OK                                   | JIS K5600-5-3<br>Dropping 1kg steel ball from 1m over 10times      |
| <b>Abrasion Resistance</b>               | 21mg                                 | JIS K 7204<br>Rotating CS-17wheel 1kg, 1,000times                  |
| <b>Gasoline Resistance</b>               | OK                                   | JIS K 5600-6-1 Immersion into gasoline 1 and 2 for 24hours         |
| <b>Liquid resistance<br/>Acid test</b>   | OK                                   | JIS K 5600-6-1 Immersion into 5% Nitric acid solution for 480hours |
| <b>Liquid resistance<br/>Alkali test</b> | OK                                   | JIS K 5600-6-1 Immersion into 5% Sodium hydroxide for 480hours     |