ImpervaSeal 802 is an ultrathin, VOC compliant coating that will change the way projects are designed and completed. Using up to 8 times less product to accomplish the same, or better result, ImpervaSeal 802 delivers more for less. Featuring high gloss and color retention, excellent corrosion protection and easy to clean surfaces, ImpervaSeal 802 is unparalleled in the coating industry. Can be applied to metals, ceramics and plastics.

Surface Preparation

Metal surfaces should be abraded with 80 grit to remove any surface rust or contaminants. Immediately clean the surface with a good degreaser. Surface must be clean and dry before applying primers. Apply primer, following manufacturer’s instructions regarding film thickness, dry times and cure times.

Application

After primer is cured, apply ImpervaSeal 802 with an HVLP (High Volume Low Pressure) spray gun. The spray gun should have a 1.0mm needle and cap. Prior to application, ImpervaSeal should be shaken for a minimum of 15 minutes prior to use. ImpervaSeal comes ready to apply. Travel speed should be between 18-24 inches per second at a distance of 5-6 inches. DO NOT DOUBLE COAT. An overlap of 50-60% is recommended. Allow to completely dry and then measure with a Dry Film Thickness (DFT) device to confirm that the coating has been applied between 15 and 25nm (0.6 to 1 mil). DFTs over 1 mil are not recommended and could cause the coating to fail.

Dry and Curing

ImpervaSeal 802 dries quickly and air cures. Please use the table below as a guideline. Environmental conditions will impact the outcome.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Temperature** | **Touch** | **Handle** | **Recoat** | **Cure** |
| **40°F/4.5°C** | 5 hours | 20 hours | 20 hours | 10 days |
| **50°F/10°C** | 2 hours | 16 hours | 16 hours | 7 days |
| **77°F/25°C** | 1 hour | 4 hours | 4 hours | 7 days |
| **100°F/38°C** | 20 min | 2 hours | 2 hours | 7 days |

Handling and storage:

Keep only in original container. Absolutely not to be handled by children. Do not keep in temperatures above 20°C. Open the container periodically to release potential built-up pressure (ammonia gas). Container to be kept tightly closed in a dry, well-ventilated place.

Safety and Warnings

Signal Word: Danger

Contains: n-butyl methacrylate (97-88-1); 3-aminopropyltriethoxysilane (919-30-2). The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 2%

Hazard statements: Highly flammable liquid and vapor. Harmful if swallowed. Causes severe skin burns and eye damage. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

Precautionary statements: Keep away from heat/sparks/open flames/ hot surfaces. No smoking. IF ON SKIN (or hair): Remove/Take off all contaminated clothing immediately and rinse skin with water/ shower. IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Refer to attached safety data sheets and/or instructions for use.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms:

GHS02 GHS07 GHS08

· Signal word: Danger

· Hazard-determining components of labeling:

Proprietary

n-butyl methacrylate

· Hazard statements:

H225 Highly flammable liquid and vapor



Contact Information

For more information or questions, please contact us at the following:

[info@ImpervaSeal.com](mailto:info@ImpervaSeal.com) (904) 417 – 8601

impervaseal.com