INFERNEX® PSS-1000 Series Technical Data Sheet

PRODUCT DESCRIPTION

INFERNEX® PSS-1000 aerosols are a modified silicone heat resistant coating designed for rapid curing on ferrous and properly prepared non-ferrous metals with exterior exposure. This product also sold as 1A54HR20150.

Color: Black

PRODUCT DATA

Property	Result
Color	Black
Gloss	5 - 15 @ 60°
Theoretical Coverage	12 – 15 ft²/can
Dry Time	30 min @ 77°F

SURFACE PREPARATION

Pre-cleaning:
Clean all surfaces to be coated in accordance with “SSPC-SP-1, Solvent Cleaning” prior to additional surface preparation or coating application. Surface must be clean, dry and free of any dirt, dust, oil, and all other visible contaminates.

Surface Preparation

Recommended	SSPC SP 5 (white metal blast cleaning)
Minimum	SSPC SP 6 (commercial blast cleaning)

Blasting should attain a profile of 0.5 mils (13 µm)– 0.75 mils (19 µm)

If touching up with an aerosol, after initial coating has been done, blast profile should be in place.

MIXING

Mix Directions
Shake the can for 2 minutes to completely mix the paint pigments, metallics and solvents for the best possible finish. If you do not shake INFERNEX® long enough, this can lead to spitting or clogging at the tip. Pigments in this product will settle quickly.

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APPLICATION

Application Parameters

Relative Humidity	30 – 85%
Minimum Temperature	50°F (10°C)
Maximum Temperature	90°F (27°C)

- Cans will dispense product best when the temp is 65°F - 85°F
- We recommend allowing product to air dry for 4 hours before putting into service.

When applying with an aerosol, two or three light coats are better than attempting one heavy coat.
Your first coat should be a “mist” coat, it should look like dots on the surface. Trying to cover the surface in a single pass will most likely result in drips and runs of this thin paint. Paint should be sprayed from about 12 to 15 inches from the surface. If you get too close, the paint will likely drip or run. If you get too far away, the paint will dry in the air and result in a gritty finish.

STORAGE

The product must be stored in accordance with local and national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 73°F (23 °C) = minimum of 12 months *

*When kept in recommended storage condition and original unopened containers.

DANGER! FLAMMABLE LIQUID AND VAPOR.

Vapors may ignite explosively. Keep away from heat, sparks, or open flame. Use only in well ventilated area. Protect all workers from paint vapors. Wear eye protection.

CAUTION

Adequate health and safety precautions should be observed during storage, handling, use and curing periods.

READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT

DISCLAIMER

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstances are we liable for incidental or consequential damages.

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