

Master Polyurethane Top Coat Material Safety Data Sheet

# **Product Description**

A two component Acrylic Polyurethane giving a high-performance finish.

•

Research and Development Department Master Paint Industries (Pvt) Ltd. 14 Egerton, Lahore.

Phone: 0 4 2 – 111 -333 – 465, E-Mail: info@masterpaints.com

01-Jan-2023











Issue: January, 2023

MASTER'S Polyurethane Gloss Finish Data Sheet

# PRODUCT INFORMATION

Description: **Product Description** 

A two component Acrylic Polyurethane giving a high-performance finish in new construction and maintenance industries.

#### **Features**

Excellent gloss and color retention on exterior & interior

exposures Quistanding mar resistance-recommended as scratch resistant

Long term recoat able properties.
Resistant to large number of chemicals and water.
Can be applied to a wide range of substrates.

Designed Use:

• As a finishing coat for structural steel in aggressive corrosive environments.

• As a topcoat for the exterior of chemical storage tanks, pipelines.

• As a durable topcoat for topsides modules in the offshore industry.

#### **Technical Information**

As Per Shade Card Color

Finish Gloss

Polyurethane Coating Generic Type

Vol Solid 45%

Mixing Ratio 4: 2

Spreading Rate A spreading rate of 10-14 m2/liter @ (30-40) Microns DFT

2 -4 hrs. at 30 °C. **Drying Time** 

**Recoating Time** 8-12 hrs.

Pot Life 6 hrs.

Curing Time Attains maximum hardness and chemical resistance 4 - 7 days.

Thinner / cleaner PU or Acrylic Thinner

Flash Point 23 °C, 73 °F



Issue: January, 2023

Further coat 2-3 Coats

Packing size 6 liters kit.(4+2)

Components 02

Recommended Primer Epoxy Zinc Phosphate Primer /Epoxy Zinc Rich Primer or Master 2K Primer

## **Surface Preparation**

### **Application**

Polyurethane Finish is a specialized chemical resistant finish and requires sound preparation and a suitable Priming system to perform to its optimum. It is recommended that potential specifies follow guidelines for preparation from the Data Sheet for the primer system selected.

This is the recommended method of application:

#### By Brush Roller Or Airless Spray

Stir each component thoroughly before mixing.

Add Comp. B to Comp. A in the ratio supplied and mix until uniform in color and consistency. Allow to absorb for 20 minutes before application.

As this material tends to set up quickly, application should be made with minimum of crossing or lying off.

Thin up to 10-20% per liter with Thinner for PU mixing thoroughly before application.

# **Storage**

The product should be kept in well-ventilated place, protected from heat and direct sunlight. Shelf life of product is 18 months.

====== OTHER INFORMATION =========

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE. IT IS TRUE & ACCURATE TO THE BEST OF OUR KNOWLEDGE, BUT IS NOT INTENDED TO BE ALL INCLUSIVE. USERS SHOULD CONSIDER THIS INFORMATION AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM & MUST MAKE THEIR OWN DETERMINATION OF SUITABILITY & COMPLETENESS TO ASSURE PROPER USE & DISPOSAL.

======= END OF THE REPORT ==========







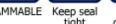












Store in cool place

upright

