Tolytol™

TECHNICAL DATASHEET

HARDENER FOR 2K PU – PART B

Hardener for 2K PU is an aliphatic isocyanate-based curing agent specifically engineered for two-component polyurethane system.

PRODUCT BENEFITS

- **Superior Durability:** Enhances the coating's resistance to mechanical wear, abrasion, and impact.
- **Chemical & UV Stability:** Provides excellent resistance to chemical spills, solvents, and environmental weathering, ensuring long-term gloss and color retention.
- **Optimized Cure Profile:** Formulated to provide a balanced "pot life" with efficient through-drying times, even in varying humidity levels.
- **Enhanced Adhesion:** Improves the overall bond strength between the coating system and the substrate.

MIXING RATIO

Hardener – Part A	Clearcoat – Part B	Mixing Ratio
Hardener for 2K PU	2K PU HS Clearcoat	2 : 1

APPLICATION CONDITIONS

- Ambient Temp: Min. 10°C
- Substrate Temp: Min. 3°C above dew point
- Relative Humidity: 20% – 85%
- Ventilation: Ensure proper airflow during and after application
- Dust-Free Environment: Critical during curing

CLEANING OF TOOLS & THINNING

- Clean tools with thinner immediately after use
- Do not add thinner to the product

STORAGE & SHELF LIFE

- Store in cool, dry, well-ventilated area (10-30°C)
- Keep containers sealed and away from direct sunlight
- Shelf Life: 1 year from date of manufacture in original tightly closed containers

PRECAUTIONS & SAFETY MEASURES

- Apply only on sound, dry, and properly prepared substrates (moisture ≤ 4%)
- Avoid use below 10°C or in high humidity
- Not suitable for surfaces exposed to rising damp
- Spike roller must be used to prevent bubbles
- Avoid inhalation of vapours and spray mist
- Use in well-ventilated areas; forced ventilation recommended in confined spaces
- Avoid contact with skin and eyes. Wash skin with soap and water. Rinse eyes thoroughly and seek medical help if needed.
- Store the container with the tightly closed lid in an upright position, in a cool and dry place.
- Keep out of reach of children and away from eating tables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water

DISCLAIMER
These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

Polytol Paints

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