

Product ID: RCT 02 1074 PU – LV Black Urethane Topcoat

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Product Description & Suggested Uses:

RCT 02 1074 PU is an acrylic polyol-based resin for industrial polyurethane coatings designed for exterior applications. When used over the appropriate primer, a durable and highly weatherable coating system is produced. Applications include: trailers, pipes, tanks, structural steel & farm implements.

Mixing and Thinning/Reducing Instructions:

RCT 02 1074 PU should be used as supplied. If reducing or thinning is required, please contact your Rapid Cure Technologies (RCT) technical service representative for instructions.

Directions for Use :

Surface must be clean, dry, sound and free of dirt, dust, grease, oils, residues, waxes, water, foreign particles, and any other contaminants that may interfere with coating adhesion and intimate contact with substrate. Prepare the substrate by abrasive blasting, high pressure water/steam cleaning, chemical cleaning and/or other approved method to achieve clean and sound surface, including priming.

RCT 02 1074 PU is designed to be applied with most conventional spray equipment (air, HVLP, airless, etc.). During application, the substrate temperature must be above the dew point. Condensation due to substrate temperatures below the dew point can result in flash rusting on prepared steel and negatively impact adhesion to the substrate.

Clean-up:

Clean all equipment immediately after use with methyl ethyl ketone (MEK), acetone, or other RCT approved solvents. Use clean solvent only. In case of spill, absorb and dispose of in accordance with local, State, and/or Federal regulations.

Storage & Shelf Life:

Store indoors in original, tightly sealed container out of direct sunlight between 40°F (5°C) and 100°F (38°C), 0% to 90% relative humidity. Warranted shelf life is 6 months from date of manufacture (DOM) in original unopened and properly stored container.

Typical Physical Properties:

Color.	Per Customer Request
Type	Acrylic polyol
Viscosity (25°C)	50-60 sec (#2 Zahn)
Specific Gravity (25°C)	1.248-1.261
Density (25°C)	10.4-10.5 lbs/gal
% Solids (by Volume)	46-47%
% Solids (by Weight)	63-64%
VOC	3.45 lbs/gal
VOC (less water/exempt)	3.45 lbs/gal
Flash Point	14°C (57°F)
Pot Life	1.5 hours at 25°C (77°F)
Gloss	High
Recommended DFT	1.0-3.0 mils (25-75 um)
Maximum DFT	4.0 mils (100 um)
Coverage	746 ft ² @ 1.0 mils
Sag Resistance	6+ mils (150 um)
Mix Ratio	4:1 A:B w/RCT 01 1010 IC

Packaging:

RCT 02 1074 PU is available in one 1-gallon cans, five 5-gallon pails, 55-gallon steel drums and 275-gallon totes. For additional packaging options, please contact your local Rapid Cure Technologies representative.

Safety Information:

Avoid contact with skin and use good ventilation. Wear chemically resistant gloves (nitrile are recommended) and chemical safety glasses. If skin contact is made, wash immediately with soap and water. Do not use solvents to clean skin. Refer to Material Safety Data Sheet for further safety and handling information.

FOR PROFESSIONAL USE ONLY
NOT FOR RESIDENTIAL USE
KEEP OUT OF REACH OF CHILDREN