

**Product ID:** RCT 04 1052 EP – HB HS LV Gloss  
Epoxy DTM

**Document Date:** 30 May 2019

**Product Description & Suggested Uses:**

RCT 04 1052 EP is a two component, epoxy polyamide designed for applications where excellent corrosion, chemical, moisture and water barrier properties are required. RCT 04 1052 EP is high build, high solids and especially suitable for marine and water submerged applications. Typical uses include: barges, drilling rigs, storage tanks, heavy duty structural steel & pipe, rail & transformers.

**Mixing and Thinning/Reducing Instructions:**

Mix 1 part RCT 04 1052 EP by volume with 1 part RCT 01 1231 AM Hardener. Agitate each component thoroughly before combining. 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. Steel surface preparation should meet SSPC-SP6/NACE 3. Metal surface must be 5 degrees above the dew point temperature.

RCT 04 1052 EP is designed to be applied by spray, brush, roll or squeegee. Airless spray @ 3500-4500 psi with 0.019-0.027 tips is recommended. If reduction is required, 5-10% Acetone or MEK may be used after both components are mixed together. Pot life is 6 hours @ 75 degrees and significantly reduced at elevated temperatures. Pot life is extended with reduction.

**Clean-up:**

Clean all equipment immediately after use with MEK 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 12 months from date of manufacture (DOM) in original unopened and properly stored container.

**Typical Mixed Properties:**

Color	Black, Gray, White & Red
Type	Epoxy/Polyamide
Viscosity (25°C)	80-90 KU's seconds
Specific Gravity (25°C)	1.26-1.32
Density (25°C)	10.5-11.0 lbs/gal
% Solids (by Volume)	71-73%
% Solids (by Weight)	80-82%
VOC	2.0-2.2 lbs/gal
VOC (less water/exempt)	2.0-2.2 lbs/gal
Flash Point	17°F
Gloss	>80°
Recommended DFT	4-6 mils (100-150 um)
Maximum DFT	12 mils (300 um)
Coverage	1155 ft <sup>2</sup> @ 1.0 mil
Dry @ 75 degrees F	2-3 hrs to touch 4-6 hrs to handle 24 hrs hard
Pot life @ 75°F	6 hrs
Service Temperature	-40°F to 350°F

**Packaging:**

RCT 04 1052 EP is available in one 1-gallon cans, five 5-gallon pails and 55-gallon steel drums. 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 Safety Data Sheet for further safety and handling information.

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