PRODUCT BULLETIN

December 2018

# POLYLITE® 32367-00

## Automotive Body Putty Resin

## DESCRIPTION

POLYLITE® 32367-00 is a flexible polyester resin formulated for use in automotive body patch compounds. This resin remains stable after repackaging and is specially promoted to gel and cure with the addition of either benzoyl peroxide (BPO) or methyl ethyl ketone peroxide (MEKP).

POLYLITE® 32367-00 has low reactivity, low viscosity, and is based on orthophthalic acid.

## BENEFITS & FEATURES

- Batch-to-batch consistency and uniformity from production utilizing Statistical Process Control (S.P.C) & Statistical Quality Control (S.Q.C) techniques
- Special promoter system results in quick gel and cure which can be initiated with either BPO or MEKP. This also results in good sandability and exceptional storage stability of repackaged products
- Improved adhesion to clean, dry metal surfaces due to special processing
- Workable over a wide range of temperatures due to high elongation

## PROPERTIES – LIQUID

| **Property**(1) | **Unit** | **32367-00** |
|---|---|---|
| Appearance | - | Clear Amber |
| NVM | % | 66 |
| Viscosity(2) | cps | 450 |
| Gel Time(3) | minutes | 5 |
| Total Time to Peak | minutes | 11 |
| Peak Exotherm | °C/°F | 118/245 |
| Specific Gravity | g/cm$^3$ | 1.14 |
| Weight per Gallon | lbs/gal | 9.5 |
| Flash Point (Seta Closed Cup) | °C/°F | 32/89 |

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RVF Spindle #2 at 20 RPM
3) Superox® 46706 4% BPO

## PROPERTIES – PHYSICAL

| Property(1) | Unit | Neat Resin Casting | Test Method |
|---|---|---|---|
| Tensile Strength | psi | 3,000 | ASTM D 638 |
| Tensile Modulus | psi | 100,000 | ASTM D 638 |
| Tensile Elongation | % | 65 | ASTM D 638 |
| Flexure Strength | psi | ND | ASTM D 790 |
| Flexure Modulus | psi | ND | ASTM D 790 |
| Heat Deflection Temperature | °C/°F | < 21/70 | ASTM D 648 |
| Hardness, Shore D | HB | 76.5 | ASTM D 2583 |

1) Physical properties were determined using internal Polynt test methods that are similar to those listed above.

## APPLICATION

Each user must determine the suitability of this product to his/her particular mode of operation and intended end-use application. A Polynt representative will be available to assist in the proper selection of all Polynt-Reichhold products available for commercial use.

## SHELF LIFE & STORAGE

The shelf life of POLYLITE® 32367 is 120 days from the date of manufacture from Polynt. To maximize usage life and maintain optimum properties, resins and gel coats should be stored in the original closed container at temperatures below 23°C/73°F and away from ignition sources and sunlight. Keep containers sealed to prevent moisture pick-up and monomer loss.

## RELATED PRODUCTS

POLYLITE® 32374-00 Non-blushing, stain-free, easy-sanding

## SAFETY & WARRANTY

To receive a copy of our safety and warranty information, please email safetyandwarranty@polynt.com.