



Plasti Pigments Private Limited

**TECHNICAL DATA SHEET**  
**PLASPEROX® BP - 75**

**SECTION 1 - IDENTIFICATION OF THE PRODUCT AND COMPANY**

**PRODUCT NAME:** PLASPEROX® BP-75  
**TELEPHONE:** +91 22 - 27681002 / + 91 966 467 9993  
**MANUFACTURER:** Plasti Pigments Private Limited  
**ADDRESS:** Plot No. C - 8/5, TTC Industrial Area, Thane Belapur Road,  
Navi Mumbai - 400 703. INDIA  
**EMAIL:** sales@plastipigments.com / support@plastipigments.com  
**CHEMICAL NAME:** Benzoyl Peroxide in Water  
**CAS NO.:** 94-36-0  
**CHEMICAL FAMILY:** Organic Peroxide - Diacyl Peroxide  
**CHEMICAL FORMULA:** (C<sub>6</sub>H<sub>5</sub>CO)<sub>2</sub>O<sub>2</sub>

**SECTION 2 - TYPICAL PROPERTIES**

<b>Technical Data :</b>	
Molecular Weight	242
Form	Fine Granules
Benzoyl Peroxide	74 – 76 %
Water Content	24 – 26 %
Active Oxygen	4.79% - 4.99%
Peroxide Purity	98% on dry basis (min)
Colour	White
Odour	None
Taste	None
Free Benzoic Acid	0.5 % on dry basis (max)
Total Chlorine	0.4 % on dry basis (max)
<b>Solubility:</b>	
Insoluble	Water
Slightly Soluble	Petroleum ether, Alcohols, Glycols and Vegetable Oils
Soluble	Acetone, Ether, Vinyl Chloride and Phthalates
Largely Soluble	Aliphatic Ketone
<b>Thermal Stability :</b>	
Exothermic Decomposition Point	64 Degrees Celsius
Drop Hammer Sensitivity	37
Friction Sensitivity	700
<b>HAZARDOUS PROPERTIES :</b>	
Though this product is stable at ordinary room temperature, being of an explosive nature it is necessary to store in the shade and away from direct heat, spark or open flame. Contact with concentrated acids and alkalis may cause spontaneous decomposition.	