



TECHNICAL DATA

Brand Name: *MacGrip Lite* Mac'Ants Group Ref: **PDSA2**

Product: Anti Slip Polymer Aggregate

Description: A Pre Dispersible Polymer Aggregate additive for anti slip paints, coatings and epoxies.

Application: This is among the hardest polymer aggregates available and is suited to a myriad of applications, in particular this brand is designed for pre dispersion in single and two pack paint / systems. Due to its density the polymer can remain in suspension indefinitely (subject to density of base compound / paint designed by the manufacturer). The hardness of the polymer permits comparable slip resistant properties to traditional anti slip aggregates such as alumina sand silicas, but with the notable benefit when included as a pre dispersion it provides higher speed and ease of application for the coating operative.

When used as an aggregate in paint systems it has achieved over 25% better than the 'Very Good' safety standard when using a Tortus Floor Friction Tester in both wet and dry conditions.

Chemical Composition:

| Compound | Typical Content % |
|-------------------------|-------------------|
| Thermoset Amino Polymer | 98.9-99.8 |
| Titanium Oxide | 0.5 – 1.0 |
| Iron Oxide | <0.01 |
| Zinc Sterate | <0.01 |
| Barium Sulphate | <0.01 |

Physical Parameters:

| | |
|------------------|-------------------------------|
| Bulk Density | 0.7 g /cc (subject to grade) |
| Shape | Semi Cubical |
| Colour | Multi Colour or White / Beige |
| Specific Gravity | 1.47 – 1.52 g/cc |
| Hardness | 54 – 62 Barcol |

Gradation:

3-1mm, 2-1mm, 1-0.5mm, 0.75-0.25mm, 0.5-0mm, 0.25-0mm, 0.125-0mm. Other distributions available on request and combinations thereof.

Packaging:

Typically 25 kg plastic/paper sealed sacks but 1000kg big bags are available and custom label on application

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Issue: 2

Date: Apr 2011

Document Status: ~~Controlled~~ / Uncontrolled

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