

# The Advanced Material

## The Significant Differences...

### PRODUCT DATA SHEET

Rev. 1/04.05

## PLC 101 NS

### POLY-PROPYLENE ANTI-SKID ADDITIVE

#### DESCRIPTION

**PLC 101 NS** is a poly-propylene based additive which is supplied separately or pre-mixed into floor, wall and industrial coatings to provide anti-skid properties and special texture for architectural coatings. Being different from silica aggregates, the tough and resilient properties of **PLC 101 NS** prevent it from being crushed by safety boots and other hard objects.

#### RECOMMENDED USES

**PLC 101 NS** can be incorporated into almost any type of solvent and water based coatings. The particles of **PLC 101 NS** has regular rounded shapes, which give a smooth and non-abrasive surface. It is ideal as an anti-skid agent on floors to prevent accidents on wet and slippery surface. The tough and flexible nature of the materials will improve the abrasion resistance of the coating and extend the life of the coating. This special additive can also be used to create texture for architectural wall coatings.

#### ADVANTAGES

- Good abrasion resistance.
- Very good flexibility and impact resistance.
- Easy to use – Just mix into the wet paint before painting.
- Rounded shape – less abrasive surface.
- Available in fine and medium texture.

#### PHYSICAL DATA

|                  |   |             |
|------------------|---|-------------|
| Particle size 50 | : | 300 microns |
| Size 100         | : | 150 microns |
| Colour           | : | Clear       |
| Softening Point  | : | 165°C       |

#### APPLICATION INSTRUCTIONS

**PLC 101 NS** can be incorporated at site with just simple slow speed drill. Application can be carried out by using either roller or spray gun. To avoid agglomeration of the anti-skid particles, always use short hair roller to apply coatings containing **PLC 101 NS**.