Technical Data / Abrasion Resistance Additive

PRODCUT DESCRIPTION

Garage Force Abrasion Resistance Additive is a thermoplastic high molecular weight polymer in fine particle powder form. These unique materials exhibit very high toughness. Abrasion Resistance Additive is well suited for use in coating applications that require anti- slip characteristic, structural performance, or satin finish effects.

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

1. Add up to 2 bags of Abrasion Resistance Additive directly into 1 gallon of topcoat while mixing.
2. Mix until uniform consistency.
3. Once additive is completely mixed in, continue to follow the application instructions for the choosen coating/system.

Performance Characteristics

Hardness

METHOD: Rockwell M
TYPICAL VALUE: 95-100

Tensile Strength

METHOD: ASTM D638
TYPICAL VALUE: 5,000 - 6,000 psi

Compressive Strength

METHOD: ASTM D695
TYPICAL VALUE: 22,500 psi

Elongation

METHOD: ASTM D638
TYPICAL VALUE: <1%

WARNING: Polymer dust particles in the atmosphere are combustible and present a potential explosion hazard. Prevent dust accumulations and dust clouds. Dust layers can be ignited by spontaneous combustion or other ignition sources. Keep away from heat, sparks, flame and all other ignition sources. Keep container closed. Clean up dust accumulations. For proper safety of personnel and property, the container should be emptied in compliance with NFPA 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries." Processes using spray application or fluidized bed operation should be in accordance with NFPA 33, "Standard for Spray Application Using Flammable and Combustible Materials." Exercise caution when dispensing this product in or around combustible environments as the possible occurrence of a static discharge could ignite dust or vapors and cause a fire or explosion. Evaluate the need for grounding of equipment and container. Modification or use of the product in a way that enhances the dispersion of the particles in the atmosphere could significantly increase the potential for an explosion.