

AUDIOGUARD®

ACOUSTICAL COATINGS

P8060

AGPB-002

Product Description

AUDIOGUARD® ACOUSTIC COATINGS P8060 is a one-component, waterborne, sprayable, coating designed to reduce structure-borne vibrations and associated sound transmission. The coating cures at room temperature within 90 minutes to a hard, durable finish. The characteristics of the coating provide a tough material that can prevent chipping, cracking or marring of painted or unpainted surfaces. The coating is useful wherever a reduction in airborne noise is desired.

Advantages

- One component
- Air dry
- High performance-to-cost ratio
- Waterborne
- Vibration damping
- Reduced sound transmission

Technical Properties

Resin Chemistry:	Acrylic
Physical State:	Liquid
Color:	Black
Odor:	Mild
Flash Point	208°C (406°F)
Viscosity:	50,000 cps (Brkfld RVF @ 25°C (77°F) spindle #7/20 RPM)
pH:	7.8
HAP (lbs/gal)	0.0
Storage Temp.:	10 – 32°C (50 – 90°F)
Shelf Life:	90 days from PPG's initial ship date
Specific Gravity:	1.65
Solids Wt.%	77.9
Sq Ft. Cov./ US gal. 1 mil @ 100% T.E.	855

RTS Blend Ratio:	as is (package)
Applicable Use Category:	Single-Stage Ctg., Primer, Other
VOC Actual (g/L)	1
VOC Actual (lbs/gal)	0.01
VOC Regulatory (g/L) (less water less exempt)	1
VOC Regulatory (lbs/gal) (less water less exempt)	0.01
Density (g/L)	1766
Density (lbs/gal)	14.74
Volatiles wt. %	22.1
Water wt. %	22.0
Exempt wt. %	0.0
Water vol. %	39.0
Exempt vol. %	0.0
Solids vol%	61.0

Specification requirements available upon request.

Customer must verify performance for their particular substrates and process. An experimental design is recommended to be performed by the customer to evaluate all variables in the manufacturing of their part.

Acoustic Coating P8060

Use and Control Instructions

Apply coating onto substrate and air dry at room temperature. Material will be dry to touch within 90 minutes, dry hard within 24 hours and be fully cured within 72 hours.

- Recommended coating weight: 0.040" – 0.120" dry (1.0mm – 3.0mm)
- Coating must be applied at ambient air temperature range of 10° to 32°C (50° to 90°F)
- Humidity must be 0% to 80% to dry within 90 minutes
- Substrate cannot exceed 38°C (100°F) when coating is being applied
- Keep coated parts from freezing within the first 24 hours
- Heat of 50°C (122°F) or less can be used to force dry the coated parts. However, excessive temperatures can cause product blistering. Air drying is the recommended process.
- There must be proper air flow around coated parts to ensure even drying.
- Spray distance from substrate is 12-15 inches for overspray reduction.
- Stainless steel and/or high density polypropylene plastic transfer equipment required to reduce risk of water corrosion.
- Typical substrates include most painted surfaces (electrocoat primer and topcoat, spray primer, clearcoat, stainless steel, monocoat, among others).
- P8060 is designed for automotive and general industrial use. Possible applications include heavy-duty trucks, passenger cars, appliance, sheet metal panels, office furniture, elevator cabs and plumbing fixtures.

Remove excess dust, dirt and debris from the substrates to be bonded with a clean, dry cloth or air stream.

The shelf life of this product is 90 days from PPG's initial ship date. Rotate stock of this product on a first-in, first-out basis, storing containers away from direct sunlight. The recommended storage temperature range is 10-32°C (50-90°F).

This is a water-based coating and cannot be exposed to freezing temperatures. The shipper must protect this product from freezing when the possibility of outside temperatures reaches 0°C (32°F) or below.

This product, as supplied, is United States DOT classified as Non-Hazardous, Non-Regulated (CFR Title 49). It is also classified as Non-Hazardous, Non-Regulated under the federal RCRA Hazardous Waste Program (CFR Title 40). State and local laws may regulate the disposal of this product, including state hazardous waste programs that are more stringent than the federal program. This information is for guidance only, as it is the generator's ultimate responsibility to determine the appropriate means of disposal for its wastes.

Clean Up

Wet Coatings: Use water for clean-up

Semi-Dried Coatings: Mixture of isopropyl alcohol and water should be used

Dried Coatings: Aromatic solvents (e.g., mineral spirits, toluene) should be used to assist the removal of dried material

Precautions

Consult the most recent Material Safety Data Sheets for health and safety information relative to the safe handling and storage of this material, and all reagents and indicators used to control this material. Emergency 24 hour CHEMTREC number: 800.424.9300

THIS TECHNICAL DATA BULLETIN IS BASED UPON INFORMATION BELIEVED BY PPG TO BE CURRENTLY ACCURATE. HOWEVER, NO GUARANTEES OF ACCURACY, COMPREHENSIVENESS OR PERFORMANCE ARE GIVEN OR IMPLIED. CONTINUOUS IMPROVEMENTS IN COATINGS TECHNOLOGY MAY CAUSE FUTURE TECHNICAL DATA TO VARY FROM WHAT IS IN THIS BULLETIN. CONTACT YOUR PPG REPRESENTATIVE FOR THE MOST UP TO DATE INFORMATION.

PPG Industries Commercial Coatings

We're Everywhere You Look

PPG Industries
19699 Progress Drive
Strongsville, OH 44149
1-800-647-6050

PPG Canada Inc.
2301 Royal Windsor Drive, Unit #6
Mississauga, Ontario L5J 1K5
1-888-310-4762