

Information About *Dow Corning*[®] P5200 and P5204 Adhesion Promoters

Type

Moisture reactive materials in volatile methylsiloxane solvent

Physical Form

Clear liquid

Primary Uses

Improve adhesion of room-temperature-vulcanizing silicone rubber to various substances

DESCRIPTION

Dow Corning[®] P5200 and P5204 Adhesion Promoters are mixtures of air drying, moisture reactive materials diluted in a non-VOC volatile methylsiloxane fluid, and are designed to improve the adhesion of a wide variety of *Dow Corning*[®] Sealants and Adhesives to most metals, glass, ceramics, wood, concrete and many plastics.

HOW TO USE

Surface Preparation

Surfaces to be primed should be clean, dry and free from contaminants, oils, finger prints and release agents. A two-step cleaning procedure is generally recommended. First, clean off any oil/grease type contaminants with a good grease cutting solvent such as naphtha, mineral spirits, or toluene. Second, wipe the surface with methanol, isopropyl alcohol or acetone and allow to dry. VOC-exempt *Dow Corning*[®] OS-10, *Dow Corning*[®] OS-20 and *Dow Corning*[®] OS-30 Fluids can also be used for surface cleaning.

When using any solvent, always provide adequate ventilation and follow all handling precautions on the Material Safety Data Sheet provided by the solvent supplier and the container labels.

APPLICATION

Apply a thin, uniform coating by wiping, spraying, brushing or dipping. In most cases, a very thin coating of primer will give the best adhesion. The primer should be cured at room temperature for one to two hours with at least 20 percent relative humidity. As with all moisture curing silicone products, low humidities and temperatures will require longer cure times, while high humidities and temperatures will cure the primer in a shorter time.

STORAGE AND SHELF LIFE

For best results, use *Dow Corning* P5200 Adhesion Promoter within 18 months and *Dow Corning* P5204 Adhesion Promoter within 12 months from date of manufacture when stored in their original, unopened containers at temperatures below 32°C (90°F). Since these products are moisture reactive, containers should be kept tightly closed when not in use. Prolonged exposure to atmospheric moisture will destroy effectiveness.

PACKAGING

Dow Corning P5200 and P5204 Adhesion Promoters are available in 1 pint (473 ml) containers, net volume.

LIMITATIONS

Not intended for medical use.

SHIPPING LIMITATIONS

DOT Classification: Flammable.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

	<i>Dow Corning</i> P5200 Adhesion Promoter	<i>Dow Corning</i> P5204 Adhesion Promoter
Appearance	Clear liquid	Clear liquid
Specific Gravity	0.83	0.82
Flash Point, closed cup	32°C (90°F)	18°C (64°F)
Nonvolatile Content, %	4	5.5

Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.

SAFE HANDLING INFORMATION
PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM YOUR DOW CORNING REPRESENTATIVE, OR DISTRIBUTOR, OR BY WRITING TO DOW CORNING CUSTOMER SERVICE, OR BY CALLING (517) 496-6000.

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