



Polyolefin Adhesion Promoter

05907

Technical Data

July, 2011

Product Description

A specially designed adhesion promoter for use when repairing low surface energy plastics such as thermopolyolefin (TPO). 3M™ Polyolefin Adhesion Promoter is designed to be used in conjunction with 3M adhesives; refer to specific adhesive product Directions For Use. Do not use on sheet molded compound (SMC) and fiberglass reinforced polyester (FRP) repairs.

Features

- Increases adhesion of 3M™ two-part adhesives to low surface energy plastics
- Simple aerosol application

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Container	12 oz. Aerosol Spray Can
Base	Chlorinated polyolefin
Density lbs/Gallon (Appx.)	6.2 lb/gal
Color	Clear
Flash Point - °F	-156°F
VOC	81%
Solids Content (Appx.)	0%
Consistency	Aerosol
Solvent	Toluene and Acetone
Service Temperature - °F	-20° to 180°F
Propellant	Propane and Isobutane
Flammable Limits - LEL	1.4%
Flammable Limits - UEL	8.2%

Product Uses

To promote the adhesion of two-part adhesive repair materials to thermopolyolefin type and other low surface energy plastics.

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Typical Performance Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Dry time: 5 minutes @ 70°F

Directions for Use

1. Apply one light coat over a sanded surface and allow to dry for 5 minutes.
2. Complete next steps in repair process (refer to adhesive materials for specific directions for use).

Applications

See “Product Uses” above.

Storage and Handling

HANDLING

Avoid eye contact with vapors, mists, or spray. Avoid breathing of vapors, mists or spray. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Aerosol container contains flammable gas under pressure. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Do not spray near flames or sources of ignition. Avoid static discharge. Ground containers securely when transferring contents. .Wear low static or properly grounded shoes. Do not pierce or burn container, even after use. Avoid contact with oxidizing agents. For industrial or professional use only. Keep out of the reach of children.

STORAGE

When stored at the recommended conditions in original, unopened containers, this product has a shelf of 36 months from the date of manufacture. Store away from acids and oxidizing agents. Store away from heat. Store out of direct sunlight. Keep container tightly closed. Do not store containers on their sides.

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Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product. Aerosol container contains flammable gas under pressure. Closed containers exposed to heat from fire may build pressure and explode. Extremely flammable liquid and vapor. Vapors may travel long distances along the ground or floor to an ignition source and flash back. Aerosol container contains flammable material under pressure. Contains a chemical or chemicals which can cause cancer. May cause target organ effects. Contains a chemical or chemicals which can cause birth defects or other reproductive harm. Always wear gloves, eye protection, appropriate respiratory protection, and work in a well-ventilated area.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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For Additional Health and Safety Information



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