SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

스냅슛 (SNAPSHOOT)

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TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.



Science. Applied to Life.™

Technical Data Sheet

3M™ Adhesion Promoter 111

English-US

Last Revision Date: April, 2025

Supersedes: September, 2024

Product Details

Regulatory Info/SDS

Product Description

3M™ Adhesion Promoter 111 is an isopropyl alcohol based solution used to promote better and faster adhesion of 3M™ VHB™ Tapes to various surfaces including bare metals, galvanized steel, and painted surfaces. Since surfaces and paint formulations vary considerably, each application should be verified through testing.

Product Features

- Higher bond strength.
- Increased tape adhesion build rate at both normal and cooler temperatures.
- Isopropyl alcohol based solvent system.
- Non-offensive odor.
- Very quick drying.
- Can clean and promote adhesion in one step provided the surface is relatively clean and free of wax, grease, oil, and loose particles.

Technical Information Note

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

Typical Physical Properties

Attribute Name	Value
Color	Clear
Drying Time	1 min [1]
Coverage	19 m^2/L (800 ft^2/gal) [2]
Flash Point	11 °C (52 °F)
VOC	780 g/L

[1] Depending on coating thickness, temperature, and humidity.

[2] Based on 0.05 mm (0.002 in) wet coating thickness. Can vary greatly depending on method of application.

Handling/Application Information

Application Techniques

Surface must be clean, dry, and free of wax, oil, grease and loose particles.

Substrate must be unified.

Contaminated surfaces must be cleaned with an appropriate cleaner and/or a 50/50 mixture of isopropyl alcohol and water.*

Apply a thin, uniform coating to the bonding surface before application of 3M™ VHB™ Tape. Use the minimum amount that will fully coat the area to be taped.

Application may be done with a clean lint-free cloth, pad, felt tipped dauber, absorbent paper towel or disposable tissue. Brushes, rollers, or spraying tend to apply excessive amounts of 3M™ Adhesion Promoter 111 and should therefore be avoided.

Allow to dry completely prior to application of tape. Depending on temperature and humidity, the drying and reacting time of 3M adhesion promoter 111 can vary. Typical drying time will be 1-2 minutes. Forced, hot air drying of 3M adhesion promoter 111 is acceptable, but remember that 3M adhesion promoter 111 is flammable and must not be used near any open flames or ignition sources.

Apply tape within 8 hours, or reapply 3M adhesion promoter 111.

REPLACE CAP WHEN NOT IN USE. 3M adhesion promoter 111 is reactive with water including moisture (humidity) in air.

*When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use.

Cleanup

3M™ Adhesion Promoter 111 can be removed from unwanted surfaces with straight isopropyl alcohol (IPA) or a blend of IPA and water. Rubbing Alcohol is typically 70% IPA and 30% water.*
Excessive 3M adhesion promoter 111 may cause a dull white appearance on the surface. A small amount of chalking should not adversely affect the adhesive strength. If desired,
for appearance purposes, the dull white chalking may be removed after tape application with either a clean dry cloth or a clean cloth that is slightly wet with isopropyl alcohol. Before tape application, the dull white chalking may be removed with a clean cloth that is only slightly wet with more 3M adhesion promoter 111.
*When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use.

Storage and Shelf Life

3M™ Adhesion Promoter 111 will tolerate storage and shipment temperatures from -40°C (-40°F) to 66°C (150°F), but needs to be at a minimum of 10°C (50°F) when applied. Do not store in plastic container for more than 8 hours. Many plastics do not provide an adequate vapor barrier to prevent loss of liquid. When stored under proper conditions, product retains its performance and properties for 18 months from date of manufacture. Once opened, it is best to use within one month. Shelf life may be decreased, especially if open or poorly resealed container is continuously exposed to hot or humid environments. Properly dispose of any 3M adhesion promoter 111 that is either cloudy or has white precipitate on the bottom of the container.

Available Sizes - Detailed

250 ml bottle, 1 gallon can

Automotive Disclaimer

Select Automotive Applications:
This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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