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 →

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Technical Data Sheet

3M™ Industrial Adhesive 4799

English-US

Last Revision Date: September, 2024

Supersedes: June, 2024

Product Details

Regulatory Info/SDS

Product Description

3M™ Industrial Adhesive 4799 can be used to bond most EPDM rubber, sponge rubber, rubber sheeting, felt, canvas, linoleum and other lightweight materials to many metals, woods, concrete and plastics.

Product Features

- Quick drying adhesive with fast strength buildup.
- Provides low soak-in on most porous substrate.
- Dries to a flexible, water resistant bond.

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 Uncured Physical Properties

Attribute Name	Value
Viscosity	7,500-18,000 cP [1]
Net Weight	6.6 — 7 lb/gal
Base	SBR

[1] Brookfield Viscometer spindle #6 at 20 rpm

Typical Physical Properties

Attribute Name	Value
Color	Black
Solids Content by Weight	28 — 35 %
Carrier Solvent	Petroleum Distillate, N-Hexane and Toluene
Flash Point	-26 °C (-14 °F) [1]

[1] Closed Cup

Typical Performance Characteristics

180° Peel Adhesion

Substrate: Canvas to Steel

Dwell Time	Temperature	Value
24 h	23 °C (73 °F)	248 oz/in
72 h	23 °C (73 °F)	352 oz/in
120 h	23 °C (73 °F)	400 oz/in
168 h	23 °C (73 °F)	408 oz/in
2 week	23 °C (73 °F)	440 oz/in
3 week	23 °C (73 °F)	448 oz/in
3 week	-34 °C (-29 °F)	224 oz/in
3 week	66 °C (150 °F)	136 oz/in
3 week	82 °C (180 °F)	80 oz/in

Handling/Application Information

Directions for Use

1. Surface Preparation: Surfaces to be bonded must be clean, dry and dust free.
Wiping with a solvent such as methyl ethyl ketone (MEK)* will aid in removing oil and dirt.
2. Application Temperature: For best results the temperature of the adhesive and the surfaces being bonded must be at least 65°F (18°C).
3. Application: Stir or agitate well before using.
Porous Surface(s): Brush a uniform, generous coat of adhesive on the least porous surface to be bonded. Assemble the materials immediately with sufficient pressure to ensure contact.
Non-Porous Surface(s): Apply a uniform coat of adhesive to each surface. Allow adhesive to dry until it is tacky, but does not transfer. Assemble materials with sufficient pressure to ensure contact.
4. Cleanup: Excess adhesive may be removed with a solvent such as methyl ethyl ketone (MEK).*
*Note: When using solvents, extinguish all sources of ignition in the area and follow the manufacturer's precautions and directions for use when handling such materials.

Application Equipment

Note: Appropriate application equipment can enhance adhesive performance. The user is responsible for evaluating application equipment in light of the user's particular purpose and method of application.

1. Pumping: Use a 5:1 ratio double acting, ball check pump with a 3 inch diameter air motor. All packings and glands in contact with the adhesive should be PTFE coated.
2. Hoses: Material hoses should be nylon lined with a working pressure of 500 psi or greater.
3. Brushes: Brushes designed for use with oil based paint may be used.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original, unopened packaging, out of direct sunlight. Lower temperatures cause increased viscosity of a temporary nature. For best performance, use this product within 24 months from date of manufacture.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577

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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