



Technical Data Sheet

3M™ Bulk Adhesive Remover



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

3M™ Adhesive Remover is ideal for the removal of adhesive residue or for surface preparation prior to use of adhesive and can be used for cleaning heavy oils, greases, silicone, tar and paraffinic materials such as Cosmoline™ and wax.

Product Features

- Formulated to replace virtually all commonly used solvents in hand-wipe cleaning processes including: 1,1,1-trichloroethane, acetone, CFC-113, HCFC 141b, isopropyl alcohol (IPA), lacquer thinner, methylene chloride, methyl ethyl ketone (MEK), methyl propyl ketone (MPK), mineral spirits, naphtha, stoddard solvents, toluene, xylene and others.
- Evaporates cleanly, leaving no/minimal (less than 1/10th %) non-volatile residue and exhibits a mild, pleasant citrus odor.
- 3M™ Adhesive Remover evaporates more slowly than the mentioned chemicals, which can result in substantially lower overall chemical use volume and the resulting VOC emissions. Also, rags and wipe-towels do not dry out as rapidly between uses and normally do not need to be as wet as with the highly volatile chemicals mentioned.
- Useful for cleaning and surface preparation prior to painting, bonding, coating or further processing of parts.

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
Base	Citrus Extract

Typical Physical Properties

Attribute Name	Value
Appearance	Colorless to Light yellow
Odor	Mild Citrus
Boiling Point	171 – 189 °C (340 – 372 °F)
Flash Point	47 °C (117 °F)
Vapor Pressure	<2 mmHg
Hazardous Air Pollutants (HAPS)	No
Specific Gravity	0.84
Viscosity	0.8 cP

Typical Performance Characteristics

Attribute Name	Value
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Attribute Name	Value
Time for Complete Removal of Adhesive	3M™ Adhesive Remover was tested against 3M™ Hi-Strength 90 Spray Adhesive, 3M™ Scotch-Grip™ Rubber & Gasket Adhesive 847, 3M™ Scotch-Grip™ High Performance, Contact Adhesive 1357, 3M™ Spray Mount™ Artist's Adhesive, and 3M™ Super 77 Multipurpose Adhesive. In all cases, the adhesive was completely removed from both metal and glass substrates in less than five seconds when the adhesive was wet and less than one minute when dry.

Handling/Application Information

Directions for Use

Thoroughly coat 3M adhesive remover on surfaces or parts being cleaned. Wait a few minutes to allow for maximum penetration and loosening action. Use a scraper or wipe with a clean, damp rag. Repeat process and wipe with clean cloth, let air dry. Repeat application when substance to be removed is too thick for maximum penetration. Consult local air quality regulations which may regulate product use.

Application Examples

3M adhesive remover is designed for use in hand-wipe cleaning processes or in commercially available cleaning equipment. Ultrasonic immersion tanks, spray-under immersion systems, recirculating-type parts washers and immersion/soak tanks.

Caution! This product should not be used as a hand cleaner and skin contact should be avoided. This product may cause skin irritation on prolonged or repeated contact. Do not rinse into waterways or sewers.

Compatibility

3M™ Adhesive Remover is compatible with virtually all metals, as well as many plastics and elastomers. The table below details the results of compatibility testing with selected materials and is intended only as a general guide. 3M recommends that you test compatibility with the particular materials in question under your actual use conditions.

Plastic / Elastomer	Percent (%) Weight Change				Percent (%) Thickness Change			
	72°F (22°C) 9 Month	150°F (66°C) 1 Hour	150°F (66°C) 9 Month	Control ¹ 150°F (66°C) 9 Month	72°F (22°C) 9 Month	150°F (66°C) 1 Hour	150°F (66°C) 9 Month	Control ¹ 150°F (66°C) 9 Month
Acetal	0.29	0	0*	.1*	1.6	0	0*	0*
Acrylic	5.2	0	8.2*	-.3*	1.6	0	3.1*	-1.6*
Acrylonitrile	38.4	2.1	87.4	-2.1	20.3	0	27.7*	1.6*
Buna N	27.1	1.2	2.2*	-.1*	10	3.2	3.2*	0*
Buna S	216.4	115.5	226.2*	.3*	58.8	29.4	64.7*	2.9*
CPVC	2.6	0	9.3*	0*	12.5	0	21.1*	-4.8*
EPDM	71.1	52	68.6*	-.2*	32.1	14.3	25*	0*
Fiberglass (G-10 Epoxy Glass)	0.3	0	0*	0*	1.5	0	1.5*	0*
HDPE	6.1	0.3	7.2	0*	3.2	0	3.2*	1.6*
LDPE	13.8	2.4	24.1	0*	6.4	1.6	6.5*	.6*
Natural Rubber	332	39.5	Stopped	.7	71.9	10.6	75.8	0
Neoprene*	62.9	12.9	69.8	-.1	30	8.3	40	0
Nylon	1.6	-4.2	-4.3*	-.4*	0	3.2	6.5*	1.6*
PBT	0.15	0	.1*	0*	1.8	-0.6	.6*	.6*
Polyimide	1.4	0.1	.15*	-.1*	1.6	1.6	1.6*	1.6*
Polycarbonate	0.13	0	2.1*	-.1*	6.9	0	0*	3.3*
Polyetherimide	0.16	0	-.2*	-.3*	4.8	0	0*	0*
Polyphenylene Oxide	43.4	0.7	Cracked	0	51.6	0	51.6	-1.5
Polypropylene	11	0.2	13.7*	0*	4.9	-1.6	3.2*	-1.6*
Polystyrene	Dissolved	1.7	Dissolved	Stopped	Dissolved	-6.3	Dissolved	Dissolved
Polysulfide	67.6	52.9	65.6*	.1	38.5	36	44*	3.8*
Polysulfone	0.14	0	-.1*	-.2*	1.6	0	0*	0*
PVC, Clear	0.1	0	.7*	0*	10.7	0	1.6*	5.1*
PVC, White	0	0	.1*	0*	4	1.4	-2.8*	2.9*
Silicone	103.7	47.5	124.9*	.5*	51.6	17.2	48.4*	0*
PTFE	0.1	0	0*	0*	0	0	0*	3.1*

1 - Effect of temperature only. Sample kept at 150°F (66°C) with no solvent.
* - After one week.

Industry Specifications

Generally regarded as safe at 21 CFR 182.20.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) in the original, unopened packaging, out of direct sunlight. For best performance, use this product within 12 months from date of manufacture.

Available Sizes - Detailed

1, 5, & 55 gal.

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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