

3M

Adhesive Remover (Cylinder)

Technical Data

February, 2015

Product Description

3M™ Adhesive Remover (Cylinder) is a citrus based cleaner that is ideal for the removal of adhesive residue for surface preparation prior to use of adhesive. It can be used for cleaning and purging cylinder hoses and applicators, cleaning heavy oils, greases, silicone, tar and paraffinic materials such as wax. It is packaged in a convenient, portable, no maintenance aerosol cylinder.

Features

- Formulated to replace virtually all commonly used solvents in hand-wipe cleaning processes including: 1,1,1-trichloroethane, acetone, isopropyl alcohol, lacquer thinner, methylene chloride, methyl ethyl ketone, mineral spirits, naphtha, toluene, xylene and others.
- 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.
- Evaporates cleanly, leaving no/minimal non-volatile residue.
- Mild, pleasant citrus odor.
- Offers an easy way to clean and purge cylinder applicators and hoses.
- Useful for cleaning and surface preparation prior to bonding, coating or further processing of parts.

Physical and Chemical Properties

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

Base:	Citrus Extract
Appearance:	Colorless to Light Yellow
Odor:	Mild Citrus
Volatile Organic Compounds (VOC):	800 g/L
Hazardous Air Pollutants (HAPS) % wt. (calculated):	0%
Boiling Point:	<= 68°F
Solubility in Water:	Nil
Flash Point:	-50°F

**Handling/Application
Information**

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

Application Temperature:

For best results, the temperature should be between 60°-80°F (16°-27°C).

Temperatures outside this range may affect sprayability.

Equipment Setup:

Attach the larger flare fitting end to the spray applicator and tighten the nut securely. Check to see that the applicator gun trigger stop/adjusting nut is fully locked against the trigger. Attach the other end of the hose, a smaller flare fitting, to the cylinder valve and tighten securely.

Cleaning Parts or Surfaces:

Hold the applicator 6-10 inches away from the surfaces to be cleaned and spray an even coat (the smaller the spray pattern, the closer the applicator gun will need to be to the surface). Thoroughly coat the surfaces to be cleaned. Wait a few minutes for product to completely penetrate and loosen the adhesive. Use a scraper or cloth to clean up the residue. Repeat this process as needed.

Cleaning Cylinder Spray Equipment:

For routine cleanup and maintenance – Attach the spray hose and applicator assembly to the cylinder. Slowly open the cylinder valve and inspect the connections for any leaks. Tighten if needed. Fully open the valve. Spray the 3M™ Scotch-Weld™ Adhesive Remover through the system into a pail or some other form of waste material. When finished, turn the valve on the cylinder to the closed position and purge the hose and applicator until nothing more comes out. Remove the hose and applicator assembly from the cleaning cylinder and replace onto an adhesive cylinder.

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

Compatibility:

3M Adhesive Remover is compatible with virtually all metals, as well as many plastics and elastomers. 3M recommends that you test compatibility with the particular materials in question under your actual use conditions.

TEST FOR COMPATIBILITY of surfaces to assure this product will not attack the surface. **NOTE:** This product will attack some plastics.

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Application Equipment Suggestions for Cylinder

Description	3M ID Number
3M™ Cylinder Adhesive Applicator (includes 9501 tip)	62-9880-9930-5
Cylinder Adhesive Applicator H (includes 4001 tip) – this applicator is for use with 3M™™ Cylinder 94 CA	62-9880-9950-3
Cylinder Adhesive Applicator EX (with 18" Extension and 9501 Tip)	62-9880-9940-4
Cylinder Adhesive 6 Foot Hose	62-9880-0006-3
Cylinder Adhesive 12 Foot Hose	62-9880-0012-1
Cylinder Adhesive 25 Foot Hose	62-9880-0025-3
Cylinder Adhesive 50 Foot Hose	62-9880-0050-1
Cylinder Adhesive 250050 Spray Tip	62-9880-8133-7
Cylinder Adhesive 4001 Spray Tip	62-9880-4001-0
Cylinder Adhesive 650050 Spray Tip – this nozzle has half the output of the 6501 nozzle	62-9880-8173-3
Cylinder Adhesive 6501 Spray Tip	62-9880-6501-7
Cylinder Adhesive 730154 Spray Tip – this nozzle minimizes dripping on 3M™™ Cylinder 60 CA	62-9880-7301-1
Cylinder Adhesive 9501 Spray Tip	62-9880-9501-4
Cylinder Adhesive QSS Spray Tip – this nozzle is needed for 3M™™ Cylinder 70	62-9880-8148-5
Cylinder Adhesive T-Fitting	62-9880-8348-1
Cylinder Adhesive Hose Swivel	62-9880-7948-9

Applicator Suggestion: 3M™ Cylinder Adhesive Applicator (62-9880-9930-5) is suggested for 3M™ Adhesive Remover Cylinder.

Nozzle Suggestions:

	250050	4001	650050	6501	730154	9501
Spray Pattern (inches): (see *Note below)	1-4	2-6	3-8	3-8	4-10	5-12
Applications:	Restricted output (General)	General	Restricted output (General)	General	Minimizes dripping	General

***Note:** Spray pattern widths will vary between products, due to formulation and pressure differences.

Spray Pattern Adjustments: Unscrew the trigger stop/adjusting nut away from the trigger 3-4 turns and spray a test pattern. For more output and a wider spray pattern, continue to unscrew the nut away from the trigger. For less output and smaller spray pattern, screw the adjusting nut back towards the trigger. Hold the applicator 6-10 inches away from the surfaces to be sprayed and apply a uniform coat. (The smaller the spray pattern, the closer the applicator gun will need to be to the surface).

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Storage	Store product at 60°-80°F (16°-27°C) for maximum storage life. Rotate stock on a “first in-first out” basis.
Shelf Life	When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 24 months.
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 or (651) 737-6501.
Product Use	All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.
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