

# 3M

## HoldFast 70 Spray Adhesive

### Technical Data

March, 2015

#### Product Description

Extremely versatile, fast tacking industrial grade spray adhesive with unique wide-web spray pattern. Ideal for bonding a variety of substrates, including polystyrene.

#### Key Features

- Creates quick permanent bonds on many substrates, including polystyrene, drainboard, FRP panels, insulation, foams and fabrics.
- It features a very fast tacking adhesive that bonds almost immediately and has a long bonding range.
- It has a unique heavy body spray pattern with low soak-in ideally suited for irregular or porous substrates.
- Typically used in construction, specialty vehicle, RV, manufactured housing and HVAC.

#### Typical Properties

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

| Product   | 3M™ HoldFast 70 Cylinder Spray Adhesive | 3M™ HoldFast 70 Adhesive |
|---|---|--------------------------|
| Base:   | Synthetic Elastomer                     | Synthetic Elastomer      |
| Solids Content - (by wt.):                          | 21%                                     | 26%                      |
| Density (lbs/gal):                                  | 5.7                                     | 6.3                      |
| Viscosity (cps):                                    | N/A                                     | 10-200                   |
| Color(s):   | Translucent                             | Translucent              |
| Volatile Organic Compounds (VOC):                   | 544 g/L                                 | 562 g/L                  |
| Hazardous Air Pollutants (HAPS) % wt (calculated):  | No                                      | No                       |
| CARB Compliant:                                     | N/A                                     | N/A                      |
| SCAQMD 1168 Compliant:                              | No                                      | No                       |
| GREENGUARD Indoor Air Quality Certified®:           | No                                      | No                       |
| LEED® Eligible:                                     | No                                      | No                       |
| Coverage @ 2.5 gms /ft <sup>2</sup> per lb (sqft):  | 38                                      | 47                       |
| Spray Pattern:                                      | Lace                                    | Lace                     |
| Dry Time:   | 30 seconds – 1 minute                   | 30 seconds – 1 minute    |
| Bonding Range:                                      | 30 seconds – 60 minutes                 | 30 seconds – 60 minutes  |
| Shear Adhesion Failure Test - SAFT <sup>(1)</sup> : | 190F                                    | 190F                     |
| Flammable Solvent:                                  | Yes                                     | Yes                      |
| Flammable Propellant:                               | Yes                                     | N/A                      |

<sup>(1)</sup>SAFT Shear Adhesion Failure Test with birch plywood, 1 inch overlap, 100 grams used, temperature start at 90F and ramped 10F every 10 mn. until complete failure.

#### Available Sizes

| Container Size                   | 3M Stock Number | UPC Number        |
|----------------------------------|-----------------|-------------------|
| Mini Cylinder – 8.5 lbs.         | 62-4983-8010-4  | 00-051115-32201-3 |
| Large Cylinder – 27.3 lbs.       | 62-4983-8030-2  | 00-048011-61690-2 |
| Intermediate Cylinder – 139 lbs. | 62-4983-8150-8  | 00-048011-61691-9 |
| Jumbo Cylinder – 288 lbs.        | 62-4983-8300-9  | 00-048011-61692-6 |
| 5 gallon pail –lbs.              | 62-4847-8530-8  | 00-051115-63935-7 |
| 52 gallon drum –lbs.             | 62-4847-9530-7  | 00-051115-63934-0 |

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|---|---|
| <b>Storage</b>                                  | Store product at 60°-80°F (16°-27°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures may cause increased viscosity of a temporary nature. Rotate stock on a “first in-first out” basis.  |
| <b>Shelf Life</b>                               | When stored at the recommended conditions in original, unopened container, this product has a shelf life of 15 months from date of shipment.  |
| <b>Precautionary Information</b>                | 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.   |
| <b>Technical Information</b>                    | 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.  |
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