

# SC-1071H-1 Blue Peelable Temporary Protective Coating

## TECHNICAL DATA SHEET

### Product Description

SC-1071H-1 is a sprayable, peelable, water dispersion coating formulated for protection and masking of glass, plastic, Tedlar® PVF film and painted surfaces. It is used for protecting surfaces from damage due to scratches or paint overspray during fabrication, shipment and storage.

SC-1071H-1 is recommended for indoor storage. If the surfaces are to be subjected to extended exposure to ultraviolet rays from sunlight or from artificial light, we recommend the use of a pigmented temporary protective coating. Contact your local Application Support Center for assistance with product information.

- Water-based
- Non-flammable in liquid form
- Excellent tensile strength and elasticity
- Resistant to dirt, oil, grease and paint overspray
- Compatible with most spray equipment
- Easy to remove peelable film, does not require chemical strippers
- 12 months service life

### Components



#### **Mix ratio (by volume):**

- SC-1071H-1

Single component, ready to use product

### Surface Preparation and Pretreatments



Apply to dirt and oil free surfaces.

### Instructions for Use



#### **Mixing Instructions:**

SC-1071H-1 is ready to use with no additional components. Check to ensure that no freezing has occurred in shipping or during storage period. Upon opening container, manually stir thoroughly to overcome any settling. Avoid shaking as product can foam when agitated.

# SC-1071H-1 Blue Peelable Temporary Protective Coating



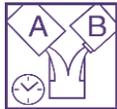
**Induction Time:**

Not Required



**Viscosity:** (23°C/73°F)

Not Applicable



**Pot Life:**

Not Applicable

## Application Guidelines

**Recommended Application Conditions:**

Temperature	15 - 30°C (59 - 86°F)
Relative Humidity	20 - 90%

**Application:**

Using standard good atomizing spray equipment (e.g. DeVilbiss MBC gun, FF nozzle, No. 765 air cap) with pressure feed, a .004" film can be applied to a vertical surface in one coat. Atomization pressure of 75 psi and sufficient pot pressure (5 psi minimum) to obtain proper fluid delivery is recommended.

Airless spray can also be used such as Binks Model 43F gun and a 25 - 1 ratio pump or Graco #205-904 with a 163-618 insert and a 20 - 1 ratio pump.

*Note: When applying over lacquered surfaces ensure that the lacquer film is fully dry. When used over enamel, urethane or epoxies, ensure that these are fully cured per the manufacturer's recommendations*

*These application guidelines represent PPG's best advice for usage in standard conditions. Some parameters will be influenced by environmental conditions, equipment settings, and other variables.*



**Theoretical Coverage:**

56 square meters/liter at 25 microns dry film (600 square feet/gallon at 1 mil dry film)

Recommended dry film thickness; 100 microns (4 mils)

# SC-1071H-1 Blue Peelable Temporary Protective Coating



**Equipment:**

SC-1071H-1 is compatible with most forms of spray equipment. See Application section for details.

**Equipment Cleaning:**

Flush spray equipment ONLY with water.

**Physical Properties (product)**



**Color:** Blue



**Gloss:** Not Applicable

**Tensile Strength:** 1700 psi

**Elongation:** 150%



<b>Dry Times</b>	<b>22 - 28°C (71 - 84°F)</b>
Tack Free	1 hour
Full Tensile	12 hours

Drying can be accelerated by warm air.



**VOC (EPA method 24):**

SC1071H-1 less water <12 grams/liter

**Physical Constants:**

Weight/gallon: 8.5 ± 0.2 pounds/gallon

# SC-1071H-1 Blue Peelable Temporary Protective Coating



**Flash point closed cup:**

SC1071H-1

93°C (>200°F)

**Shelf Life:**

12 months from date of manufacture.

*Note: Shelf life is provided for original, unopened containers.*

*Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.*

## Storage Recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 13°C to 32°C (55°F to 90°F) to ensure shelf life. This is a water-base compound and should be protected from freezing. Never allow this product to freeze. Once frozen, application and protective properties are unstable and not warranted.

*Note: When procuring to a qualified material specification, follow those storage instructions.*

# SC-1071H-1 Blue Peelable Temporary Protective Coating

## Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

**For industrial use only. Keep away from children.**

**Additional information can be found at: [www.ppgaerospace.com](http://www.ppgaerospace.com)**

**For sales and ordering information call the local PPG office at the numbers listed below:**

### **Asia Pacific**

#### **ASC – Australia**

Tel 61 (3) 9335 1557  
Fax 61 (3) 9335 3490

#### **ASC – Japan**

Tel 81 561 35 5200  
Fax 81 561 35 5201

#### **ASC – South East Asia**

Tel 65 6861 1119  
Fax 65 6861 6162

#### **ASC – Suzhou**

Tel (86-512) 6661 5858  
Fax (86-512) 6661 6868

#### **ASC – Tianjin**

Tel (86-022) 2482 8625  
Fax (86-022) 2482 8600

### **Americas**

1 (818) 362-6711 or 1-800-AEROMIX

### **Europe and Middle East**

#### **ASC – Central Europe**

Tel 49 (40) 742 193 10  
Fax 49 (40) 742 139 69

#### **ASC – Middle East & India**

Tel (971) 4 883 9666  
Fax (971) 4 883 9665

#### **ASC – North Europe**

Tel 44 (0) 1388 770222  
Fax 44 (0) 1388 770288

#### **ASC – South Europe**

Tel 33 (0) 235 53 43 71  
Fax 33 (0) 235 53 54 44

**Tedlar® is a registered trademark of E. I. du Pont de Nemours and Company or its affiliates.**

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

PRC-DeSoto International, Inc.  
12780 San Fernando Road  
Sylmar, CA 91342  
[www.ppgaerospace.com](http://www.ppgaerospace.com)

Issue Date: 07/16  
Lit: 4418