

# SC-1058T White Peelable Temporary Protective Coating

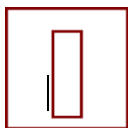
## TECHNICAL DATA SHEET

### Product Description

SC-1058T is a sprayable, peelable, water dispersion coating formulated for protection of acrylic both flat and formed, during fabrication, shipment and indoor storage.

- Water-based
- Non-flammable
- Non-toxic
- Excellent tensile strength and elasticity
- Easy to remove

### Components



#### Mix ratio (by volume):

- SC-1058T is a 1-component, ready to use product.

### Surface Preparation and Pretreatments



Apply to clean, oil and dust-free surfaces.

### Instructions for Use



#### Mixing Instructions:

SC-1058T 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.



#### Induction Time:

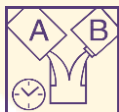
Not Required



#### Viscosity: (23°C/73°F)

- Krebs Units 85 - 90

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**Pot Life:**  
Not Applicable

## Application Guidelines

### Recommended Application Conditions:

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

### Application:

Usage	Recommended Dry Film Thickness
Fabrication & Shipment	4 mils
Indoor Storage 6 months	4 mils
Indoor Storage 1 year	8 mils

Four mils (.004") can be applied on a vertical plane without sags in one cross coat using standard type pressure spray guns. (Example: DeVilbiss MBC gun, FF nozzle and #765 air cap). Use an atomization pressure of 75 pounds per square inch to 90 pounds per square inch and enough pressure on the pot or container to force the material to the gun. Airless spray can also be used such as Graco #205-904 with a 163-618 insert and a 28:1 ratio pump. To enable the film to knit properly, spraying should be at room temperature of 16°C (60°F) or higher. Only water should be used for cleaning equipment and for thinning the material if required.

For applications requiring 8 mils dry film thickness, apply second coat 1 hour after the application of the first coat.

*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:

14 square meters/liter at 100 microns dry film (150 square feet/gallon at 4 mils dry film)  
Recommended dry film thickness; varies depending on intended usage, see application section for details.

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**Equipment:**

SC-1058T 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:** White



**Gloss:** Not Applicable

**Adhesion:** 0.5 to 1.5 lbs. per inch with strip on plexiglass

**Elongation:** 150%

**Non-Volatiles:** 41.5 ± 3.0 %

**Tensile Strength:** 1700 psi



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

Drying can be accelerated by flowing air past the film by means of fans. Heated air may be used to a maximum temperature of 46°C (115°F).



**VOC (EPA method 24):**

SC-1058T

< 0 grams/liter (0 pounds/gallon)

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## Physical Constants:

Weight/gallon 8.6 ± 0.2 pounds/gallon



## Flash point closed cup:

SC-1058T Not Applicable

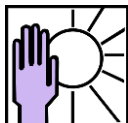
## Shelf Life:

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-based 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.*

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## 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)**

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