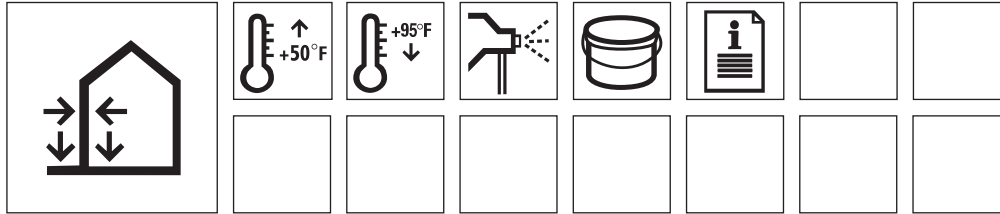


# StoPrep™ Universal

CR6021

CR6021 StoPrep Universal



Features	Benefits
<b>1 Water-based</b>	Water-based, Non Flammable
<b>2 Safe</b>	Does not affect glass
<b>3 Non-toxic</b>	Contains no TAP's or HAP's (Toxic/Hazardous Air Pollutants)
<b>4 Easy clean up</b>	Easy clean up with soap and water or denatured alcohol
<b>5 Ozone Friendly</b>	Non-ozone depleting/Low odor
<b>6 Easy to use</b>	Easily sprayed with standard equipment
<b>7 Low VOC</b>	Safe for workers and the environment

*StoPrep Universal is a low VOC, water-based paint remover that will effectively lift epoxies, urethanes, lead based architectural coatings, and powder coatings. Recommended for use on steel, aluminum, concrete, masonry, and wood or in any area where worker safety or damage to delicate equipment may be a concern.*

*StoPrep Universal contains no TAP's or HAP's, and offers easy cleanup with soap and water or denatured alcohol.*

**VOC (g/L) Calculated – 10 (397 g/L\*)**  
\*Less water and exempt solvents

**Coverage**  
25-90 ft<sup>2</sup>/gallon (0.6 - 8.4 m<sup>2</sup>/L)

**Packaging**  
1 gal. (3.8 L).  
5 gal. (19 L).

**Shelf Life**  
24 months, if properly stored and sealed.

**Storage**  
Store in a dry, well ventilated area. Protect from extreme heat (> 85°F [29°C]), freezing and direct sunlight.

# CR6021 StoPrep™ Universal

## Surface Preparation

### Test Area

Always prepare a test area of varying stripper thickness prior to full application. This will indicate the time required for completion, approximate square foot usage and suitability of product for the paint and the substrate.

### Masking

Cover/protect areas where stripping is not desired,

## Mixing

If on visual examination, water appears to have separated out of StoPrep Universal, thoroughly mix the stripper with a drill until

including adjoining surfaces where over spray may travel. Plastic (polyethylene) sheets make a very effective barrier. If using masking tape, apply two layers of tape and remove the top layer immediately after application, as the remover may soak through the tape, damaging paint under it. Spray all plants and vegetation liberally with water before and after application. Cover delicate vegetation to avoid damage.

it becomes homogeneous once again, usually 2-5 minutes. DO NOT SHAKE. DO NOT DILUTE.

## Application

StoPrep Universal is engineered for airless spray application. Ensure application equipment is free of any previously applied products or chemicals or solvents (especially mineral spirits). Clean with denatured alcohol prior to use. Use only airless equipment with chemical resistant packing, such as a Titan 440i or larger pump. Even the smallest airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.019 inches or larger (Example: a 519 or 425 tip). Other equipment: brushes, rollers, scraper, masking tape, plastic (polyethylene) sheet, pressure washer, electric drill with mixer, empty pails for clean-up, water. Roller application should be used ONLY for horizontal surfaces.

### Dwell Time

The time required for penetration varies according to the type of paint, and the temperature. Most paint systems require 2 to 24 hours. Leave the stripper overnight for best results. Dwell time and stripper thickness required is best determined by test area.

### Application

Apply a thick, even layer of stripper onto the coating being removed. An airless sprayer is the most effective means of application. Always start the sprayer pump at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated. The minimum wet film thickness should be 15 mils (300 microns). The stripper must be applied 1.5 to 2 times thicker than the coating to be removed, e.g. 20 mils of coating requires 28-40 mils of stripper to be removed effectively. High pressure and narrow tip sizes will break the strippers emulsion and will reduce its effectiveness. When trying to build up films thicker than 30 mils (600 microns) it is advisable to build the stripper film in two separate applications. First apply a light coat of approximately 15 mils (thick enough to hide the surface color of coating), allow it to dwell for about 5-30

minutes, and then build the rest of the stripper film thickness in the second application. Once applied, leave the stripper alone, as agitation slows down penetration. Brushing and rolling should be avoided because these methods produce lower film build and inconsistent thickness of stripper.

### Re-application

When there are multiple layers of paint, it is quite likely that there is poor intercoat adhesion between some layers. Premature lifting may occur at this interface. If this happens, remove the lifted layers and reapply the stripper. Do not allow the stripper to dry out. The stripper is designed to remain wet and effective over extended periods of time (up to 48 hours) but excessive sunshine, windy conditions or insufficient stripper thickness can cause early drying. If the stripper starts to dry, reapply a light coating and allow extra time for completion.

### Removal and Cleanup

Removal of lifted paint can be completed by scraper, squeegee, or wet/dry vacuum suction system or by pressure wash. If pressure washing is used, protect all areas that may come in contact with stripper residue and removed paint from pressure washer operations. Pressure wash from the bottom up on vertical surfaces to prevent rinse water from deactivating stripper in sections below pressure washing removal operations. The stripped surface must be rinsed with water or denatured alcohol to remove all chemical residues before repainting. Collect lifted paint and dispose of it in accordance with local government regulations. Do not collect and/or store removed paint and stripper waste residue in metal containers. Only use plastic containers. Clean spray equipment by running water or denatured alcohol through the equipment soon after the spraying has been completed.

## Limitations

- Surface and ambient temperatures should be at 50°F to 95°F (10°C to 35°C) Sto Prep Universal performs effectively at lower temperatures, but the dwell time must be increased.
- Above 85°F (29°C), product may need to be over applied, re-applied, or covered with plastic to prevent drying during dwell time.
- StoPrep Universal will not strip novalac epoxies.

## Health And Safety

### Health Precautions

Product is water-based. Prevent all skin/eye/clothing contact and breathing of vapors/spray/ mist. As with all chemical products handle with care. If you scrape, sand, or remove old paint, you may release lead dust or fumes. Lead is toxic, exposure to lead dust or fumes can cause serious illness.

### Safety Precautions

Use adequate ventilation. Wear protective equipment as specified on the MSDS including a NIOSH-approved respirator. Wear safety goggles and rubber gloves.

### First Aid

**SWALLOWED:** Gently wipe or rinse the inside of the mouth with water. Water may be given, if person is alert. Never give anything by mouth to an unconscious or convulsing person. Do not induce vomiting. Get medical attention immediately. **SKIN Contact:** Wash immediately with soap and water. If skin reddening, rash or irritation occurs, seek immediately medical attention. **EYE Contact:** Flush immediately with running water while holding the eyes open. Seek medical attention immediately. **RESPIRATORY Problems:** If respiratory irritation occurs go to fresh air, if continues, seek medical attention. **INGESTION:** Contact medical help immediately. Untrained personnel should not attempt to administer first aid. **HYGIENE:** Wash hand immediately after use. Wash exposed clothing before re-use.

### Disposal

Dispose of in accordance with local, state or federal regulations.

### Warning

KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF THE CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Material Safety Data Sheet for further health and safety information.

### LIMITED WARRANTY

THIS PRODUCT IS SUBJECT TO A WRITTEN LIMITED WARRANTY WHICH CAN BE OBTAINED FREE OF CHARGE FROM: Sto Corp., 3800 Camp Creek Parkway, Building 1400, Suite 120, Atlanta, GA 30331; Tel: 404-346-3666; Fax: 404-346-3119.

### ATTENTION

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. **STO CORP. DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.** For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, [www.stocorp.com](http://www.stocorp.com).

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