

# S-088 Paint & Coating Stripper

TECHNICAL DATA SHEET

## DESCRIPTION:

S-088 Paint & Coating Stripper is an environmentally friendly paint stripper specially formulated to remove paints and coatings from concrete or overlays. Paint & Coating Stripper is a natural and green alternative due to its earth friendly, non-toxic, biodegradable and ecologically safe formulation. Paint & Coating Stripper complies with the United States EPA rules on emissions. S-088 Paint & Coating Stripper is the perfect solution for removing existing sealers, epoxy primers, paints and other coatings from concrete, brick, ceramic, plaster, stone, tile, wood and all metals. It can also be used for the aerospace, aviation, marine, automotive and military industries for use on aircraft, buildings, tanks, boats, graffiti, and more.

## USES:

- Epoxy Primer
- Paints and Sealers
- Aerospace Aircraft Paint
- Fiberglass Boat
- Wood
- Metals



## NOTES:

Specially formulated for environmentally friendly paint stripper, that replaces chlorinated solvent, and prevents localized breakdown of the passivating oxide film. No activated acid and no HAP. Formulation contains no Methylene Chloride, no Formic Acid, nor Carbonic Acid, and no N-MP (N methyl Pyrolidone).

**Vehicle Type:** Ethyl Cellulose

## COVERAGE:

This product is engineered for thick film build-up on vertical and overhead surfaces. The desirable wet film thickness of stripper is approximately two times the dry film thickness of the paint. Minimum wet film thickness should be 30 mils (600 microns). Coverage is approximately 50-80 sq. ft. per gallon.

## SURFACE PREPARATION:

**MASKING:** Cover/protect areas where you do not want to strip. This includes adjoining surfaces where over-spray may travel. 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. Plants should be covered or washed thoroughly with water before and during application.

## MIXING:

Use as is. **DO NOT DILUTE.** Stir to uniform consistency. If on visual examination, the mixture looks uneven, stir thoroughly until mixture is consistent.

## APPLICATION:

Step 1. Apply a thin layer of the S-088 with dwell time of 15-20 minutes.

Step 2. Apply a thick, even second layer of the S-088 paint stripper.

Step 3. Cover the paint stripper with 1 mil thick of plastic sheet. Leave overnight.

**\*\*If paint film is too thick, re-do step 1 - 3. Due NOT neutralize it until stripping process is complete \*\***

Surface temperatures should be 65° F to 96° F (20°C to 35°C). The product does perform effectively at lower temperatures (even at 40°F, 4°C), but the dwell time increases. An airless spray machine 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. High pressure is neither required nor desired. High pressure and narrow tip sizes will break the stripper's emulsion and will destroy its effectiveness. When trying to build up films thicker than 30 mils (600 microns), or when trying to apply the stripper on a glossy or greasy vertical surface, it is advisable to build the stripper film in two separate applications. First apply a light coat of approximately 15 mils (300 microns), and then build the rest of the stripper film thickness in a second pass. Once applied, leave the stripper alone, as agitation slows down penetration. Brushing and rolling should be avoided because these methods produce a lower film build and inconsistent thickness of stripper. If a brush must be used, then use the brush like a spade (shovel), to deposit the stripper onto the paint surface. Do not attempt to spread the stripper with the brush. \*Heating the S-088 to a temperature between 85° F (30°C) and 95° F (35°C) will reduce dwell time\*

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## REMOVAL:

Removal of lifted paint can be completed by scraper, squeegee, wet/dry vacuum, or by high pressure water wash. The stripped surface must be rinsed with soapy water to remove all chemical residue. Separate the solid paint and residue from the liquid. Collect lifted paint and dispose of in accordance with local government regulations. Do not collect and/or store removed paint and stripper waste residue in metal containers. Use plastic containers ONLY.

**CLEANING:** Clean up spray equipment by running cold water through the equipment soon after the spraying has been completed.

**STORAGE:** Recommended storage between 39°F to 77°F. Store unused material in a cool, dry place. Keep container tightly sealed.

## COMPLIANCES:

All metals tested were well below the disposal limits set by GVRD. None of the component in this formulation appear on any of the EPA'S (Environmental Protection Agency) list of 189 HAPS (Hazardous Air Pollutant) Toxic or Hazardous substances.

## TECHNICAL INFORMATION:

Color:	Milky	Density:	1.0313 kg./lt.	Sandwich Corrosion:	No Effect
Gloss:	Gloss	Ph:	5.7 - 6		
Dry Films Thickness:	30-40 wet mil	Sag:	30-40 mil.	Viscosity:	
Volume Solid:	1		80-100 KU @77°F Immersion		
Flash Point P--M Closed:	212°F	Corrosion:	No Effect		

## SHELF LIFE:

Super-Krete Paint & Coating Stripper has a shelf life of 6 months (subject to inspection) when properly stored in an unopened container. Ensure all lids are tightly sealed to ensure the longest lasting shelf-life.

## PRECAUTIONS:

1. To be used by professionally trained personnel using proper safety equipment.
2. Use only with adequate ventilation.
3. Please refer to Safety Data Sheets (SDS) provided by the manufacturer.

## LIMITATIONS:

Super-Krete Products are to be applied only when surface temperatures are above 55°F and rising and not to exceed 100°F. Super-Krete Products are not to be applied when precipitation is expected within 24 hours following completion of application. Do not allow materials to freeze. Each Super-Krete product acts as an inherent part of a proven system. Super-Krete Products are professional, contractor grade products. Training in the use of these products is available. Consult a Super-Krete representative for information and assistance locating approved contractors in your area or for training class dates.

## MOISTURE VAPOR EMISSIONS PRECAUTIONS:

All concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride testing in compliance with ASTM F1869, or relative humidity probe testing in compliance with ASTM-F2170, to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **S-1300 Pene-Krete®** for cementitious overlay products and **VaporSolve® Moisture Remediation** systems for resinous floor coatings. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

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## **WARRANTY:**

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.

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