

**SPECIFICATION SHEET  
SUPER-STRIP 60 FORM RELEASER**

Use Super-Strip 60 on B/B and pre-oiled plywood, as well as on basement forms. Sprays well in winter and summer. Though it contains diesel oil, it meets federal VOC regulations. Updated March 2005.

**Environmental Report Card**

Non-toxic.....Yes  
Non-flammable.....Yes  
Non-carcinogenic.....Yes  
Biodegradable.....Yes

**1. PRODUCT**

**Super-Strip 60 Form Releaser**

**2. MANUFACTURER**

**Cresset Chemical Company, Inc.**

One Cresset Center, Box 367  
Weston, OH 43569

**3. PRODUCT DESCRIPTION**

**Basic Use:** Super-Strip 60 Form Releaser permits removal of forms, formliners, pallets, etc. from hardened concrete. It:

- Helps minimize clean-up of forms and equipment
- Promotes easy form stripping
- Is non-staining when used properly
- Helps reduce formation of bugholes on concrete surface
- Properly applied does not "kill" concrete surfaces
- Is good on aluminum forms
- Can be applied in sub-freezing or very hot temperatures
- Does not cause efflorescence

**Limitations:** Not recommended for forms or formliners made from expanded polystyrene, SBR, or natural rubber or latexes made of these. Use Crete-Lease 20-VOC on any form or formliner.

**Ground Shipping in the USA:** Containers holding 55 gallons or 5 gallons or less (regardless of quantity) are not federally regulated and shipping product in the Cresset package does not require following hazardous shipping requirements. A container holding 275 gallons or a bulk shipment requires federally mandated procedures for the driver, container and shipping papers. See Cresset brochure "Ground Shipping" for details.

#### 4. TECHNICAL DATA

Please see Tables.

#### TABLE OF PROPERTIES

		<u>Metric</u>
<b>Color</b>	Dark	Dark
<b>Opacity</b>	Clear	Clear
<b>"Freeze" Temperature</b>	-20° F	-28 ° C
<b>Freeze Damage</b>	None	None
<b>Flash Point</b>	160° F	71 ° C
<b>Viscosity (centipoises)</b>	12 @ 68° F	12 @ 20° C
<b>Density</b>	7.2 lbs/gal	861 g/L
<b>VOC (Volatile Organic Compounds)</b>	440 g/L	440 g/L
<b>VOC (Volatile Organic Compounds)</b>	3.76 lbs/gal	---

**Composition:** A proprietary blend of vegetable oils in petroleum based oils. Contains no silicones...no carcinogens.

#### TABLE OF FORM AND FORMLINER COMPATIBILITY

<b>Plywood</b>	All Grades, Pre-oiled, Overlaid (LDO, MDO, HDO)
<b>Plastics</b>	Fiberglass Reinforced, ABS, PVC
<b>Coatings</b>	Epoxy, Urethane
<b>Elastomerics</b>	Urethane, Silicone
<b>Steel</b>	
<b>Aluminum</b>	
<b>Wood</b>	

#### COVERAGE WITH SUPER-STRIP 60

<u>Form Surface</u>	<u>(sq ft/gal)</u>	<u>(m2/l)</u>
Hard & Smooth	1,000	25

Pre-oiled Plywood	600	15
Untreated Plywood	500	12

## 5. APPLICATION

**Preparatory Work:** Form surfaces should be clean, dry and free from contaminants. Apply Super-Strip just minutes before concrete is placed or up to 7 days if treated surface is protected.

**Methods:** Your choice of application methods will determine the final appearance of the concrete. Use Release Method when a form release is the primary concern; use a Visual Guide Specification for concrete where both appearance and form reuse are primary concerns.

**Release Method:** Apply with any type applicator or technique. Use a sprayer, roller, brush, or mop.

Too much release agent will cause bugholes (as seen in CCS 6), concrete build-up, soft spots, staining, and an increased difficulty in stripping.

Dilution with fuel oil, diesel fuels, or mineral spirits will promote an increase in stripping difficulties, excessive concrete build-up, bugholes, soft spots, and staining.

**Visual Guide Specification:** Cresset Concrete Standards 4 (CCS 4) is typical of Super-Strip 60. See Spray Coverage Rate Chart for specification details.

### **Visual Specification Notes:**

1. With Super-Strip 60, the thinner the film the better the appearance, plus the forms strip easier.
2. To attain CCS 4, CCS 5 or CCS 6 use any grade of plywood (pre-oiled, B/B, LDO or MDO overlaid plywood).
3. Spraying problems caused by temperatures below 45° F can be solved by increasing spray pressure by about 10 psi. At lower temperatures it may be wise to use a slightly larger spray tip...say 8005.
4. Attain CCS 2 with Crete-Lease 880, Crete-Lease 880-VOC, Crete-Lease 727 or Crete-Lease 20-VOC.

**Storage:** Factory sealed containers will keep up to 2 years at temperatures from -20° F to 140° F (-30° C to 60° C). Super-Strip 60 is a class 3A liquid for purposes of meeting OSHA storage requirements (Section 1910.106).

**Precautions:** Keep out of reach of children. Avoid prolonged contact with skin. Use with adequate ventilation. See Material Safety Data Sheet for additional information.

#### **SPRAY COVERAGE RATES TO OBTAIN HIGH VISUAL IMPACT CONCRETE**

<b><u>Flat Spray Tip</u></b>	<b><u>Pressure</u></b>	<b>Optimum Coverage For CCS 4</b>
80015 tip	30-40 psi	15 sq ft/10 sec
80010 tip	30-40 psi	10 sq ft/10 sec
Wet Film Thickness		0.0025 to 0.0045 in

**Notes:**

1. The coverage rates are for smooth non-porous forms.
2. Distance between form and spray tip is constant; typically between 12 and 18 inches.

#### **SPRAY COVERAGE RATES TO OBTAIN HIGH VISUAL IMPACT CONCRETE**

(nominal conversion to metric)

<b><u>Flat Spray Tip</u></b>	<b><u>Pressure</u></b>	<b>Optimum Coverage For CCS 4</b>
80015 tip	205-275 kPa	1 m <sup>2</sup> /10 sec
80010 tip	205-275 kPa	1 m <sup>2</sup> /10 sec
Wet Film Thickness		0.0635 to 0.1143 mm

**Notes:**

1. The coverage rates are for smooth non-porous forms.
2. Distance between form and spray tip is constant; typically between 300 mm and 455 mm.

#### **6. AVAILABILITY AND COST**

**Availability:** Super-Strip 60 is available in new 1 and 5 gallon containers; reconditioned (DOT approved) 55 gallon drums and new 275 gallon MegaPaks.

**Cost:** The cost on hard, smooth surfaces is about \$0.004 per square foot (January 2001).

#### **7. LIMITED WARRANTY**

Cresset Chemical Company warrants the product against defects in materials for a period of 1 year from purchase. If Cresset receives notice of such defects during the warranty period, Cresset at its option will either replace the product or refund the purchase price. THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED. CRESSET SPECIFICALLY DISCLAIMS THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE REMEDIES PROVIDED HEREIN ARE BUYER'S SOLE AND EXCLUSIVE REMEDIES. IN NO EVENT SHALL CRESSET CHEMICAL COMPANY BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF PROFIT) WHETHER BASED ON CONTRACT, TORT OR ANY OTHER LEGAL THEORY.

#### **8. MAINTENANCE**

Not required.