



Formulation

Name	INDUSTRIAL SEMI-GEL GRAFFITI REMOVER WITH STEPOSOL® SC	
No.	963	
Description	Removes graffiti from most surfaces.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u>
	STEPOSOL® SC	83.00
	BIO-SOFT® N1-7	10.00
	Lemon Lime Grade d-Limonene (Florida Chemical, Inc.)	5.00
	Methocel 311 (Dow Chemical)	2.00
	Total	100.00
Procedure	<ol style="list-style-type: none"> 1. Combine all ingredients except Methocel and mix until homogeneous. 2. While mixing, add Methocel powder into ambient temperature liquid until consistent dispersion is obtained. 3. Continue to agitate until gel is achieved. 	
Physical Properties	Appearance at 25°C	Clear yellow gel
	pH, 5% in ethanol	5.8
	Viscosity at 25°C, cps	16,000
	Density, lbs/gal	8.03
	Solids, %	52.2
	Flash Point, °F (PMCC)	115
Storage/Stability	4 weeks at 4°C	Stable
	4 weeks at 40°C	Stable
	4 weeks at 50°C	Stable
	3 months at 25°C	Stable
	Freeze/Thaw, 3 cycles	Pass
Instructions for Use	Apply to surface with cloth and wipe clean. Package in PET or fluorinated HDPE containers. Paneling and solvent migration can occur in many bottle types.	
External Comment	Methocel percentage can be increased or decreased to achieve desired gel consistency. A 2-3% mixture should be sprayable. A 5% mixture will make a thick gel/paste. This formulation does not meet the California Air Resource Board (CARB) VOC regulation for Consumer Products. "Consumer" is defined by CARB as any person who seeks, purchases, or acquires any consumer product for personal, family, household, or institutional use.	
Registered Trademarks of Stepan Company	STEPOSOL® BIO-SOFT®	
For Additional Assistance	<p>For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).</p> <p>For ordering assistance, call our Account Service Department at 1-800-457-7673.</p> <p>Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the</p>	

manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.



Stepan Company
Northfield, Illinois 60093
Telephone (847) 446-7500

Revision Date: 12/08/2008 Publication Date: 10/22/2008 © 2008, Stepan Company. All rights reserved.