



Formulation

Name	ADHESIVE REMOVER CONCENTRATE	
No.	1218	
Description	When diluted with water, this concentrate can remove adhesives such as polyvinyl acetate, cyanoacrylate, acrylics, rubber cement, natural latex, and pressure sensitive materials.	
Formulation	INGREDIENTS:	<u>% by Weight</u> <u>Functionality</u>
	BIO-SOFT® N91-6	50.0 Emulsifier
	STEPOSOL® MET-10U	25.0 Surfactant/Solvent
	Monoethanolamine (Dow)	25.0 Buffer
	Total	100.0
Procedure	<ol style="list-style-type: none">1. Charge BIO-SOFT® N91-6 in mixing vessel.2. Blend in STEPOSOL® MET-10U.3. Add Monoethanolamine.4. Mix until homogenous.	
Physical Properties	Appearance at 25°C	Clear liquid
	pH, diluted 1:4	11.5 – 11.8
	Viscosity (as is) at 25°C, cps	<100
	VOC, concentrate (calculated), %	25.0
	VOC, diluted 1:4 (calculated), %	5.0
Storage/ Stability	Freeze/thaw, 3 cycles	Pass
	1 month at 50°C	Pass
	1 month at 25°C	Pass
	1 month at 4°C	Pass
Instructions for Use	For removal of adhesives, dilute 1:2 – 1:4. Apply to surface. Allow to penetrate five minutes or 15 minutes for thicker layers. Wipe, scrape or brush off. Rinse. Diluted formulations will have cloud points <50°C, which can be raised with a standard hydrotrope such as STEPANATE® SXS, if desired.	
External Comment	<p>Marketing Notes: Please refer to the Safety Data Sheet for global regulatory information. It is the responsibility of the end user to review the chemical control regulations for each country. BIO-SOFT® N91-6 is an approved ingredient on www.cleangredients.org. For further information, visit www.cleangredients.org. When used as an adhesive remover at Stepan's recommended dilution level of 1:2 or 1:4, this formulation is VOC-compliant with California Air Resource Board (CARB) Consumer Products regulation for adhesive removers (20% VOC limit as of December 31, 2006). For U.S. formulators, STEPOSOL® MET-10U is a low vapor pressure VOC (LVP-VOC), therefore its contribution to the VOC calculation is zero. STEPOSOL® MET-10U does not contribute to the VOC calculation because of its high boiling point and low vapor pressure. STEPOSOL® MET-10U and its formulations remove adhesives by a different mechanism than traditional solvents. Rather than dissolving these soils into a smeary gel that has to be removed by a second step with soap and water, Stepan's formulation breaks down these soils for easy removal in one step. Also, unlike traditional solvents that quickly evaporate, Stepan's formulation remains</p>	

on the surface and continues to work. Used this way, Stepan's formulation equals or exceeds the removal performance of the leading solvent-based removers on all of the listed adhesives and does it in one easy step that requires less work. Before using on plastic, hard or painted surfaces, spot test on an inconspicuous area first.

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STEPOSOL®

For
Additional
Assistance

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).
For ordering assistance, call our Account Service Department at 1-800-457-7673.

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