

# SYNERGEL® ADHESIVE REMOVER

**Synergel® Adhesive Remover** features Synergel® HB 125, a gelled solvent based on a proprietary system for thickening and gelling ingredients. This adhesive remover safely dissolves sticky substances such as glue and tape residue, from various surfaces such as glass, by letting it penetrate for a few minutes and then easily wiping clean. This formula is effective without harming the surface.

## Formulation

PHASE	INGREDIENT	TRADE NAME	SUPPLIER	WT. %
1	Gelled hydrocarbon	<b>Synergel HB 125</b>	Calumet	78.80
1	Ether Alcohol	Diethylene Glycol Monobutyl Ether	TCI	15.00
1	Limonene	D-Limonene	TCI	3.00
1	Fragrance	Orange Oil	Spectrum	2.00
1	Triglycerol monooleate	I-MUL PGO 31K	Ivanhoe Industries	1.00
1	Color Solution	1% Solvent Orange 60 in Synergel HB 125	Alfa/Calumet	0.15
1	Color Solution	1% Solvent Red 18 in Synergel HB 125	Alfa/Calumet	0.05

Viscosity: 24.7 cP Spindle RV-1, 30 RPM at 25° C

## Procedure

1. Add ingredients in order to the mixing vessel at RT.
2. Mix sufficiently to dissolve after each addition.

\*Product listed in bold is supplied by Calumet.



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**Synergel® Adhesive Remover** formulation was tested against a competitive benchmark product. The results of the test are shown in the images below. Synergel Adhesive Remover performed well overall, with the adhesive label being easily removed and wiped clean from the bottle.

## PERFORMANCE DEMO: SYNERGEL



Before product application.



Apply product and let stand 5 min.



Wipe off product and **remove label with fingers**. Reapply product and let stand additional 5 min.



Wipe off product and remove remaining label with metal spatula.

## PERFORMANCE DEMO: NATIONAL COMPETITOR



Before product application.



Apply product and let stand 5 min.



Wipe off product and **remove label with fingers**. Reapply product and let stand additional 5 min.



Wipe off product and remove remaining label with metal spatula.

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