

Diamond Compounds

For faster stock removal!

SUPRA® Diamond Compounds

Oil-soluble compounds with very heavy concentration of 100% virgin synthetic diamond for sharp, even cutting action. Graded to closer tolerances than those dictated by nationally recognized standards. Provide much faster stock removal than traditional diamond compounds. Sold in 5-gram Precision Applikators. Can be thinned with Lubricant/Thinner.

Grade	End Use	Micron Range	Approx. Mesh	Color	Item#
1-S	Super finish	0-2	14000	Ivory	217-0010
3-S	Very high finish	2-4	8000	Yellow	217-0015
6-S	Mirror finish	4-8	3000	Orange	217-0020
9-S	High finish	6-12	1800	Green	217-0025
15-S	Fine finish	10-20	1200	Blue	217-0030
30-S	Fast lapping	20-40	600	Red	217-0035



SUPRA® Diamond Compound for Aluminum

Oil-soluble compound with extra-heavy concentration of 100% virgin synthetic diamond for sharp, even cutting action on aluminum. Graded to closer tolerances than those dictated by nationally recognized standards. Provides much faster stock removal than traditional diamond compounds. Formulated not to break down under heat or pressure. Sold in 5-gram graduated syringes. Can be thinned with Lubricant/Thinner.

Grade	End Use	Micron Range	Approx. Mesh	Color	Item#
1-S	Super finish	0-2	14000	Ivory	217-0100



Lubricant/Thinner

For peak performance, Lubricant/Thinner is necessary to keep diamond abrasive in suspension. When added to diamond compound on a workpiece, it thins out the mixture, creating a slurry and extending the compound. Available in liquid form or in spray form for moistening felts prior to diamond compound application.

Description	For Oil-Soluble Compounds		For Water-Soluble Compounds	
	Item#	Each	Item#	Each
¾ oz. Squeeze Bottle	825-1295	\$2.50	825-1290	
4 oz. Spray Bottle	825-1303	4.95	825-1310	
8 oz. Bottle	825-1300	6.85	825-1315	
32 oz. Bottle	825-1305	19.60	825-1320	



Gesswein® Diamond Compounds

Now available in Medium, Standard, and Strong concentrations.

Feature evenly distributed 100% virgin synthetic diamond, more consistent in shape than natural diamond, for fast, consistent cutting action. Oil-Soluble Compounds hold together very well, even under high-speed conditions. Specifically formulated for the mold and die industry. Water-Soluble Compounds have the same concentrations as Oil-Soluble Compounds. Allow fast and easy cleanup. Budget Oil-Soluble Compounds are ideal when affordability is a factor (lower prices are due to variations in particle size and friability). Sold in 1-gram, 6-gram and 18-gram disposable syringes. Can be thinned with Lubricant/Thinner.



Grit (Microns)	Application	Mesh	Color	Syringe Size (grams)	Medium Oil-Soluble	Medium Water-Soluble	Budget Oil-Soluble
1/2 M	Supreme finish	60000	White	1	216-0045	216-9051	—
				6	216-2045	216-9069	—
				18	216-7005	216-9055	—
1 M	Super finish	14000	Ivory	1	216-0050	216-9053	—
				6	216-2050	216-9071	216-9100
				18	216-7055	216-9095	216-9112
3 M	Very high finish	8000	Yellow	1	216-0100	216-9057	—
				6	216-2100	216-9075	216-9102
				18	216-7105	216-9083	216-9114
6 M	Mirror finish	3000	Orange	1	216-0150	216-9059	—
				6	216-2150	216-9077	216-9104
				18	216-7155	216-9085	216-9115
9 M	High finish	1800	Green	1	216-0200	216-9061	—
				6	216-2200	216-9079	216-9106
				18	216-7205	216-9087	216-9116
15 M	Fine finish	1200	Blue	1	216-0250	216-9063	—
				6	216-2250	216-9073	216-9108
				18	216-7255	216-9089	216-9118
30 H	Fast lapping	600	Red	1	216-0300	216-9067	—
				6	216-2300	216-9081	216-9110
				18	216-7305	216-9091	216-9120
45 H	Medium cutting	325	Brown	1	216-0350	—	—
				6	216-2350	—	—
				18	216-7355	—	—
60 H	Fast cutting	230	Purple	1	216-0400	—	—
				6	216-2400	—	—
				18	216-7405	—	—
90 H	Coarse cutting	170	Gray	1	216-0450	—	—
				6	216-2450	—	—
				18	216-7455	—	—
120 H	Fast grinding	120	Black	1	216-0500	—	—
				6	216-2500	—	—
				18	216-7505	—	—

Gesswein® Diamond Compound Sets

Convenient sets give you a wide range of grits for lapping and polishing applications. Standard Oil-Soluble Set contains 1-gram syringes of 3-7M, 9-6M, 30-4H and 60-2H and a 3/4 oz. bottle of Lubricant/Thinner. Water-Soluble Set contains 1-gram syringes of 3-7M, 9-6M, 15-5M and 30-4H and a 3/4 oz. bottle of Lubricant/Thinner.



Description

Standard Oil-Soluble Kit
Water-Soluble Kit

Item#

216-9501
216-9201



Gesswein®
The Right Tools
Since 1914

201 Hancock Ave. Bridgeport, CT 06605, USA | order toll free 800.243.4466
203.366.5400 | fax 203.366.3953 | email info@gesswein.com | www.gesswein.com

over >

M#890-0806