Technical datasheet

Dynasolve™ 200 Series—218, 220, 225 and 230

Cured Silicone Cleaning Solvents

The Dynasolve 200 Series solvents are reactive formulated solvents which are used to remove cured silicones in both electronic and industrial applications. The four products vary based on aggression level and flash point, so the best product for a given application depends on the desired balance of aggression and flash point (see comparison table on the next page).

CLEANING APPLICATIONS

- Depotting and decapsulating electronic components
- Conformal coating removal
- Industrial silicone removal and cleaning

ADVANTAGES:

- More efficient than acetone, MEK & other solvents
- Formulated to be highly selective
- Non-chlorinated
- Ability to use at room temperature
- High resin loading capacity allows for reuse and reduced cost of ownership

MATERIALS REMOVED:

- Conformal coatings
- Encapsulants/potting compounds
- RTVs
- Industrial silicones

PRODUCT USAGE GUIDELINES (SEE SDS FOR EH&S INFORMATION):

1. Ensure the part is completely free of water.
2. Immerse part in Dynasolve 200 Series solvent.
   - Dynasolve 220, 225, and 230 should be used at room temperature.
   - Dynasolve 218 should be used at 125°F (52°C).
3. Once cured silicone has been removed, it is critical to rinse with alcohol prior to rinsing with water.
4. Observe carefully. If silicone is unaffected by Dynasolve 200 series solvent after 4 hours, call for technical support.

MATERIAL COMPATIBILITY:

Recommended materials including:

- All metals
- Teflon®
- Polyethylene & polypropylene

Avoid materials including:

- Nylon
- PVC
- Do not immerse in aluminum for more than 8 hours

DYNALOY 200 SERIES COMPARISON TABLE

	Dynasolve 218	Dynasolve 220	Dynasolve 225	Dynasolve 230
Aggression Level	Low	Low	Medium	High
Flash Point	165°F (73°C)	111°F (44°C)	48°F (9°C)	18°F (-7°C)
Usage Temp	125°F (52°C)	Room Temp	Room Temp	Room Temp
Boiling Point	> 365°F (> 185°C)	> 320°F (> 160°C)	> 235°F (> 112°C)	> 200°F (> 93°C)
Specific Gravity	0.84	0.83	0.81	0.78

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