

Technical Data Sheet.

Permasolid[®] Elastic Additive 9050

Permasolid[®] Elastic Additive 9050 is a special additive of highly elastic polyurethane resins.

It is used for adjusting two-component top coats to the required degree of elasticity for painting plastic parts.

This product is for professional painting of vehicles only.



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Field of Application

Elastifier for:

Permacron® /Permasolid® Automotive Top Coat Series 257
Permacron® /Permasolid® Clear Coats
Permacron® /Permasolid® 2K Surfacer (except VHS Surfacers 5150 and HS Surfacers 5310)

Application

Mixing Ratio:



- Add 15 - 30% Permasolid® Elastic Additive 9050 to **2K Top Coats and Clear Coats**, on all commonly found types of plastics (not necessary on reinforced fiberglass).
- Add 30% Permasolid® Elastic Additive 9050 to **2K Surfacer (not for use in 5310 or 5150)**.

The base product must first be mixed with Permasolid® Elastic Additive 9050. After which, in the case of 2K products (not base coats), an appropriate hardener is added in the proper ratio.

Application Viscosity:

Adjust 2K products with Permacron® Reducer.



Special Tips

1. With two-stage finishes the base coat is applied without any Permasolid® Elastic Additive 9050, only the following clear coat is elastified.
2. If working with Permasolid® Matting Additive MA 100 or Permasolid® Texture Additives TA 101 coarse or TA 102 fine, Permasolid® Elastic Additive 9050 is not required in 2K Acrylic Top Coats and Clear Coats.
3. Mixing with 2K Surfacer immediately triggers a chemical reaction. Add the hardener and apply the mixture immediately after mixing with Permasolid® Elastic Additive 9050. Adding the hardener too late, results in an unacceptable short pot life.
4. To optimize the sanding properties, all elastified 2K Surfacer should be dried 45 minutes at 140°F.
5. Further instructions may be found in the System Data Sheet "The Paint System For Plastic Parts" (TDS number 901.1)
6. Permacron® Dura Plus 8580 may be added to improve dry time (Up to 10 %).

Mixing Ratios:

The mixing ratio with Permasolid® HS Hardeners is as follows:

- 2:1 in Permasolid® Spectro Surfacers 5400
- 2:1 in Permasolid® 2.1 Surfacers 5155
- 3:1 in Permacron® Vario Surfacers 8590

Storage conditions:



After use, replace lid immediately, ensuring an airtight seal.

Important Regulatory Information

Please see the appropriate VOC Wallchart for compliance for your area. This product is used in various products. The values for the coating are listed in the corresponding TDS for the Core product.

- **For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components. Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates. Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.**
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