

Preparation description: **Plastic**

**General Information:**

Plastic covers a wide range of synthetic organic solids, which could be hard, soft, flexible, or transparent. It comes in a variety of shapes, and is anti-corrosive.

Valspar has developed a "Plastic Primer" for when plastics have to be coated. Normally there is an abbreviation sign of the plastic name on the object. The user can follow the corresponding recommendation, or there is the option of testing the adhesion of the plastic primer and the coating on the plastic substrate.

Valspar plastic primer is recommended for: PP/EPDM, EPDM, ABS, PUR, PA, and EP.

PP and PVC: adhesion test recommended. Do not use the primer for PE-HD, PE-LD or PS.



It is very important to use the correct PPE (personal protective equipment) such as gloves, glasses, mask, and protective overalls.

Use only the appropriate tools and equipment, and certified grinding media.

The surface may be contaminated by the release agent. This agent is often removable with water and a wax dissolving agent (degreaser). It is sometimes recommended that it be "tempered" (the plastic part is heated in a booth at 40-60°C to dissolved release products). Use water and/or degreaser to clean the surface. Do not apply any paint products to objects which are subject to the influence of moisture and temperatures below 8°C. Recoat with direct lacquers or primer and topcoat.


**Cleaning**

Products: distilled water, suitable water cleaner and AD690 Degreaser




	to refine 1x	Use the recommended products with a soaked cloth/rag to remove the residues on the surface.
	wipe dry	With a clean dry cloth, wipe the dissolved contaminant from the surface, repeat until the surface is dry.

**Preparation - Sanding**

Products: Scuff- pad


	scuffing	With a nylon-perlon abrasive part to roughen the surface, e.g. a fine/ultra fine scuff pad. Treat the edges and corners with care.
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Optional:

	sanding	Existing coatings must be sanded after the cleaning process with an eccentric grinding machine (<5mm rotary lift unit), sanding disk and aspirator. The sanding surface should be: for putty, P180; for primer and surfacer, P240; for direct lacquers, use a P320 sanding disk (to reduce sanding marks).
	Putty (in case of damage)	Remove the coating from the damaged area and use Valspar plastic putty. Add the hardener according to the TDS.
	sanding	Sand the putty zone back with P240 and finally P320 for plastic primer/primer application (do not use a sanding disk below P100 in between these sandings).

**Cleaning**



Products: suitable water cleaner or AD690 Degreaser

	cleaning with pressurized air	The sanded/scuffed surface must be cleaned with compressed air so that loose abrasive particles that were not vacuumed by the suction device are removed.
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	to refine 1x	Use the recommended products with a soaked cloth/rag to remove the residues on the surface.
	wipe dry	With a clean dry cloth, wipe the dissolved contaminant from the surface, repeat until the surface is dry.

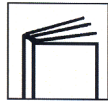
### Coating


Depending on the recommendation, such as a HVLP/LVLP/RP spray gun or low-high pressure pump.

	to coat	Apply one thin layer of the plastic primer 3-5µm and flash off for minimum 20min – max. 2h @ 20°C. <b>Note:</b> 20min. is necessary to achieve maximum adhesion.
	to coat	Application of direct to metal topcoats, primer, primed surfaces with basecoat and clearcoat or topcoat. <b>Note:</b> for soft plastic objects, use 2-K Elastic Additive.

Please select a suitable paint system from the “System Technique” datasheets.

### Further Information

	For more information see:	<ul style="list-style-type: none"> <li>• Information at CRS (ICRIS, COINS, Valspar refinish)</li> <li>• The Purple Box starter pack information sheets</li> <li>• Information on our web page (<a href="http://www.valsparindustrialmix.com">www.valsparindustrialmix.com</a>)               <ul style="list-style-type: none"> <li>○ Technical Information</li> <li>○ Technical Data Sheets</li> </ul> </li> </ul>
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	<p>This preparation description has been developed in order to enable professional users to maintain high quality standards for Valspar (Light) Industrial Mix and Commercial vehicle systems.</p> <p><b>Precautions:</b> During application all health and safety measures referring to the use and handling of coating materials are to be observed, e. g. existing regulations issued by the trade associations in the chemical industry. For health and safety information, please refer to the Material Safety Datasheet (MSDS). Information is also available on our web page: <a href="http://www.valsparindustrialmix.com">www.valsparindustrialmix.com</a></p> <p><b>Note:</b> The products listed are intended only for the professional user and for professional use. All recommendations given in writing on the use of our products to customers or users are non-binding and do not give reasons for secondary obligations resulting from the bill of sale. Every care is taken to ensure that the technical information provided is accurate and up to date according to the present state of knowledge in science and our experience. These recommendations do not, however, exempt the customer from independently checking whether our products are suitable for the intend purpose. The durability of the coating system largely depends on the thorough preparation of the surface. Furthermore, our uniform terms of delivery and payment are applicable.</p> <p>With the publication of this Technical Data Sheet, all previous versions regarding this product are no longer valid.</p>
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