

Surface Cleaners

Programmed System Technique (PST)
Cleaners
08/02/2019

DESCRIPTION

Degreasers are solvents specially formulated to remove grease and other contaminants from bare metal, existing finishes, plastic, etc. Lesonal has Surface Cleaner and Plastic Surface Cleaner available to best suit your shop and the substrate to be degreased.

In Canada (regulated market) these products are approved only for cleaning automotive refinishing surfaces with a hand-held spray bottle prior to sanding.

Safety

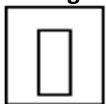
Considerations



Use suitable personal protection. Always wear gloves when degreasing. This will reduce the risk of solvent absorption into the hands and prevents salts and oils from your hands contaminating the surface to be refinished. Refer to the product Safety Data Sheet (SDS) for more complete safety information.

Always place used degreasing rags in a sealed container that meets local requirements to avoid the risk of spontaneous combustion fire.

Mixing



Surface Cleaner – Ready to use

Plastic Surface Cleaner – Ready to use

Product Usage



Surface Cleaner – General purpose cleaner suitable for cleaning and degreasing bare metal, existing finishes, and primers prior to sanding. It is the least aggressive of the Lesonal solvent – based cleaners. Surface is not recommended for plastic or fiberglass parts.

Plastic Surface Cleaner – Aggressive degreaser for cleaning bare metal, but also suitable for plastic and fiberglass parts prior to sanding. Plastic Surface Cleaner also removes static charge from raw plastic parts and fiberglass. This product is too aggressive for lacquers but can be used on non-reversible finishes. Always check the reversibility of the substrate before degreasing with this product.

Step #1



Wash down the vehicle with detergent and warm water.

Step #2



Wash down the area to be repaired with degreaser. Choose degreasing product based on the substrate being cleaned.

Step #3



Remove degreaser with a clean towel before the cleaner can evaporate.

Step #4



Allow degreaser to evaporate completely prior to sanding.

- ✓ Bare plastic parts degreased with Plastic Surface Cleaner must be dried for 20-30 minutes before painting.

Read complete TDS for detailed product information

Surface Cleaners

Technical Data Sheet
Cleaners
08/02/2019
Page 2 of 4

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PRODUCT AND ADDITIVES

Product	Surface Cleaner	Item #396066 (1 Gallon Fill) Item #396736 (5 Gallon Fill)
	Plastic Surface Cleaner	Item #398297

METHOD OF USE

Suitable Substrates	Surface Cleaner <ul style="list-style-type: none">• Bare metal• Existing finishes• Lesonal Primers• NOT Recommended on plastic or fiberglass parts	Plastic Surface Cleaner <ul style="list-style-type: none">• Plastic parts• Bare metal including aluminum• Fiberglass parts• Non-reversible existing finishes• NOT recommended over reversible finishes
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Basic raw materials	<ul style="list-style-type: none">• Specialized solvent blends
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Substrate Preparation	Pre-Cleaning <p>The purpose of cleaning and degreasing is to remove residual grease, oil, wax, silicones, road dirt and sand from the surface. If this is omitted, then remaining dirt will migrate into the fine scratches left during the sanding process. In addition, possible silicone fish eyes and poor adhesion of the paint system subsequently applied to the contaminated surface may occur.</p>
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Surface Cleaners

Technical Data Sheet
Cleaners
08/02/2019
Page 3 of 4

**Substrate
Preparation–
Existing
Finishes both
Sanded and
Unsanded**



Wash down the vehicle with detergent and warm water. This will begin to dissolve the water-soluble containments such as bird droppings, flies, tree sap, etc. It will also aid in preventing sand, gravel and dirt from being distributed about the repair facility.

With a clean towel, wash down the area to be repaired with either Surface or Plastic Surface Cleaner using a clean cloth. This will remove any contaminant that cannot be removed with water.

With a clean towel, dry off the degreaser before it has time to evaporate. Always use a fresh towel for washing and a fresh towel for drying. Replace towels regularly.

Never allow the surface cleaner to evaporate before drying with a towel or the contaminant will remain.

**Cleaning
Uncoated
Plastic Parts
Before
Abrading**



Wash down the unpainted plastic part with detergent and warm water. This will dissolve the water-soluble containments such as bird droppings, flies, tree sap, etc.

With a clean towel, wash down the area to be repaired with Plastic Surface Cleaner. The stronger solvent will remove the mold release agent within the plastic. With a clean towel, dry off the degreaser before it has time to evaporate. Always use a fresh towel for washing and a fresh towel for drying. Replace towels regularly.

Never allow the surface cleaner to evaporate before drying with a towel or the contaminant will remain.



The part is not ready for abrading. Once the part is sanded it should be cleaned with AkzoNobel AutoPrep UltraPrep Surface Cleaner before the application of primer.

- ✓ Bare plastic parts degreased with Plastic Surface Cleaner must be dried for 20-30 minutes before painting.

POST-APPLICATION

Recoatability



With all cleaning and degreasing activities, once the vehicle has been cleaned, it must never be touched with bare hands. This can cause salt, moisture, and oils to be transferred to the repair surface and result in adhesion and blistering problems. It is particularly important that hand protecting barrier creams are never used near a vehicle being refinished. Allow bare plastic parts degreased with Plastic Surface Cleaner to dry for 20-30 minutes before painting.

**Truck Body
Cleaning**

It is important to prevent dirt residue from getting into construction joints of vans and trucks during cleaning and degreasing. Disregarding proper cleaning of these areas may cause application and / or adhesion problems when paint is applied. Vertical panels should be cleaned and degreased from the bottom upward and subsequently from the top downwards.

Surface Cleaners

Technical Data Sheet
Cleaners
08/02/2019
Page 4 of 4

Condensation After a surface has been cleaned and degreased the solvent will evaporate and condensation may be formed on the surface. The first coat of paint can be applied after the surface to be painted is the same temperature as the surrounding environment and the moisture has completely evaporated. Earlier application may lead to adhesion problems.

The same issue may occur when a vehicle is transferred from cold temperatures to hotter temperatures. Allow vehicles one hour to acclimatize prior to paint. Double walled and insulated vehicles may require longer.

ADDITIONAL INFORMATION

VOC / Regulatory Information	Surface Surface Cleaner	6.3 lbs/gal (755 g/L)
	Plastic Surface Surface Cleaner	6.4 lbs/gal (767 g/L)



Product Storage Stock unopened or used products in approved closed containers with proper labeling. Store in moderate temperatures between 40°F - 95°F (5°C – 35°C). Avoid too much temperature fluctuation. Optimum storage temperature is approximately 70°F (20°C).



Surface Surface Cleaner	2 years
Plastic Surface Surface Cleaner	2 years

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FOR PROFESSIONAL USE ONLY

IMPORTANT NOTE: The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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