M700 Anti Static Silicon Remover

FOR PROFESSIONAL USE ONLY

Description

M700 Antistatic Silicon Remover is suitable for cleaning and degreasing of old paint coatings, including thermoplastic acrylic finishes. Suitable for degreasing all Sikkens primers and surfacers prior to finishing. M700 is a high performing silicon remover with anti-static properties combined in one product, which makes it suitable for all repairs in the bodyshop, including treatment of plastic and polyester fiberglass parts.

Due to its aggressive cleaning property, M700 is too aggressive for certain primers, lacquers and fresh paint films. Always check the reversibility of the substrate before degreasing with this product.
M700 is anti-staticand evaporates slower than M 600 wihich has a flashpoint > 21°C.

Before cleaning with a surface cleaner

When a repair is to be made or a finish is to be recoated, the first thing to do is to wash the car or surface of the body panel under treatment. For optimal cleaning and removal of all water-soluble contaminants. i.e., bird droppings, flies, tree sap, etc. wash down the vehicle with warm water and pH neutral detergent.

Contamination of residual grease, oil, wax and silicones will not be removed.

Cleaning technique

After washing the car or the surface of the body panel under treatment, wet a clean cloth with the selected surface cleaner and clean / degrease the surface under treatment. Immediately thereafter, wipe the surface thoroughly dry with high quality absorbent degreasing cloths.
Always use two cloths, as one cloth will merely shift rather than remove dirt and grease.

Do not allow the surface cleaner to evaporate there the contamination on the surface will remain.
Wipe the surface thoroughly dry before the degreaser evaporates.

The purpose of surface cleaning is to remove residual grease, oil, wax, silicones, sand, etc. If this is omitted, residual dirt will be stuck in scratch marks during sanding. Adhesion of the paint system subsequently applied to the contaminated surface will be poor and could delaminate.

- Replace cloths being used for degreasing and cleaning regularly by clean ones. Always place used degreasing rags in a sealed container that meets local requirements to avoid the risk of a spontaneous combustion fire.
- Instead of placing used (wet) degreasing rags in a sealed container place them on the floor grating so that the solvents can evaporate, then place the dried cloths in the regular dustbin.

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Point of attention on surface cleaning / degreasing

Salt residue and blistering:
With all cleaning and degreasing activities: once the surface under treatment has been cleaned, it must never be touched with the bare hand; as salts, moisture and oils can be transferred to the prepared surface which may result in delamination or blistering problems. It is particularly important that hand protecting barrier creams are never used near an automobile that is to be refinished.

Organic hydrocarbon-based degreasers (i.e. M600, M700 Antistatic Silicon Remover) will remove organic substances, such as fat, oil and grease originating from hands, but not salt. Water or water-based surface cleaners / degreasers (i.e. M200) however, can remove salt.

Should you still have touched a sanded and cleaned surface with bare hands; degrease it again with first one of the solvent borne- and next with one of the water borne degreasers again according the recommended cleaning technique.

Truck body constructions:
It is important to prevent dirt residues from getting into construction joints of vans, lorries, etc. during cleaning and degreasing. They might cause adhesion problems when the paint is applied. Vertically fitted parts should, therefore, first be cleaned and degreased from the bottom upwards and subsequently from the top downwards.

Degreasing and condensation on metal surfaces:
After a surface has been cleaned and degreased, solvent will evaporate. Heat needed for evaporation is withdrawn from that surface, making it colder than the surrounding atmosphere, which results in (often not visible) condensation on the surface. Allow the moisture sufficient time to evaporate.
The first coat of paint can be applied as soon as the surface has re-gained the temperature of the surrounding atmosphere. Earlier application of the coat may lead to adhesion problems.
The same problem may arise if a vehicle is transferred from a cold room to a warm one or from outdoors to indoors. Allow vehicles a minimum of one hour to acclimatize. Double-walled vehicles (and certainly insulated ones) require some hours to acclimatize.

Health and Safety

Akzo Nobel Car Refinishes recommends providing adequate ventilation during cleaning and degreasing with any of the mentioned cleaners and degreaser. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Besides respiratory protection, always wear solvent resistant gloves while cleaning or degreasing even tough working with a low solvent degreaser. This will reduce the risk of cleaning solvents being absorbed into the skin and prevent salts and oils on your hands from contaminating the surface to be refinished.

VOC

The VOC content of this product in ready to use form is max. 780 g/liter.

Product storage

Product shelf-life is determined when products are stored unopened at 20°C.
Avoid too much temperature fluctuation.
Product shelf life data see TDS S9.01.02

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