



Technical Data Sheet

ChemTools Anti-Static Treatment for Carpet

Description:

ChemTools Anti-Static Treatment for carpet and resilient floors is an effective and economical treatment because of its dilution rate and ease of application.

ChemTools Anti-Static Treatment works in two ways to stop static immediately and retain its anti static performance and durability for long periods. The two mechanisms used are water pickup by hygroscopic action and charge neutralisation and disruption by ionic charging of the surfaces or carpet fibres.

Function:

Static problems are worsened in periods of low humidity or when air conditioning or heating equipment is turned up too high and thus drying out the remaining moisture of the surface or carpet fibres that would normally allow static charges to dissipate.

ChemTools Anti-Static Treatment has been formulated to work best on problem synthetic carpet fibres and vinyl surfaces as these have shown to cause the highest chance of static build-up. Wool and wool blend carpets have also shown to have problems, usually in the 'static season' of low humidity.

Features:

- Economical, used diluted.
- Not considered a skin irritator or sensitiser.
- Will not affect the fade quality of the carpet.
- Does not contain harsh solvents or cationic surfactants.
- Biodegradable

Application:

Directions for Carpet

- *Initial Treatment*

Anti-Static Treatment should be diluted to 1:20 and applied to dry or damp carpet by spraying with fan jet pattern. No heat curing is required for it to reach maximum effectiveness and Anti-Static Treatment starts working immediately it is applied to the fibre.

The aim of the application is to deposit a solution volume that represents 25 to 35% of the weight of fibre on the carpet. Obviously the higher the pile and the thicker the pile the more solution needs to be applied. It is important that the carpet is not over wet.

Use a motorised or hand pump spray fitted with a T shaped jet. This provides a flat, even depth application with enough pressure so as not to bead up but to penetrate at least to achieve 20 - 35% solution to fibre weight ratio.

This usually represents penetration of at least 40% of the pile weight

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- *Maintenance Treatment*

Every 3 months apply the same volume reducing the concentration by half. (1:40)

Directions for Resilient Floors (Vinyl, Timber etc)

- *Initial Treatment*

Dilute 1 part Anti-Static Treatment to 20 parts water. (Approx. 750 ml per wringer bucket). Damp mop with a clean cotton mop, mopping the entire floor area, changing the solution every 50 square metres.

- *Maintenance Application*

Dilute 1 part Anti-Static Treatment to 40 parts water and damp mop the entire floor area changing the solution every 50 square metres

Safety:

- If product enters eyes – flush with copious amounts of water for at least 10 minutes - if problem still persists, seek medical assistance.
- If the material comes into contact with the skin, the affected area should be washed with soap and water.
- Spillage of the material should be mopped up with sand or sawdust.
- Dispose of waste material in accordance to local or national regulations.
- Clean equipment in accordance to equipment manufacturers instructions
- Wash Hands with soap and water after use.

Storage:

Store in a cool, dry place, out of the reach of children, in original containers, at a room temperature between 5°C to 30°C. Please do not return any used material to its original container.

Disposal:

All products should be disposed of in accordance with local regulations.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the material.

Warranty: All products purchased from or supplied by ChemTools are subject to terms and conditions set out in the contract. ChemTools warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by ChemTools is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. ChemTools makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.

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