

Technical Data Sheet

50A Primer

Adhesive wipe to enhance the adhesion on non-porous surfaces

Adheseal

The Adhesive and Sealant Specialists

Description

Adhesive wipe especially designed to enhance the adhesion of Polyurethane MS, Silicone and acrylic sealants and adhesives to metals, powder coat, plastics, paints & lacquers and most other non-porous surfaces.

Surfaces that traditionally are difficult to bond to, or if maximum performance and longevity is required, a light abrade, clean with Adheseal IPA cleaner and a simple wipe of 50A is all it takes.

Uses

- For use over non-porous substrates
- Enhances the adhesion for Adheseal Polyurethane and MS sealant/adhesives.
- Also for Silicone and Acrylic sealants/adhesives
- Sign manufacturing.
- Caravan, marine, automotive manufacturing, and repair
- Particularly useful when bonding to powder coat
- When maximum performance and longevity is required

Benefits

- Fast drying
- Suitable for Non-Porous substrates
- Enhances adhesion to most common building materials (preliminary tests suggested)
- Ready to use, Single pack, user friendly
- Non-corrosive
- Proven to extend sealant/adhesives long term durability and life.
- Suitable for internal & external applications

Limitations

- Do not use if the contents of the container have become milky.
- If this is the case the Primer has absorbed water and should be disposed of.
- Use only in well-ventilated spaces.
- Do not expose to thermal, mechanical or chemical influences before product has dried.

Acceptable Substrates

- Glass
- Metal (except Lead & Copper)
- Plastics, Acrylic & Polycarbonate
- Stone
- Painted surfaces
- Rubber
- Fibreglass
- Porcelain
- Aluminium
- Powder coat

Application

Surface preparation:

All surfaces must be structurally sound, stable, dry, clean, and free of dust, loose, flaking, friable material and free from oils, grease, form release agents, curing compounds, and any other surface contamination that may hinder adhesion.

NON-POROUS SUBSTRATES:

Clean area with Adheseal IPA cleaner.

Wipe the area with Adheseal Primer 50A. Use a clean cloth use very sparingly.

Allow the Primer 50A to dry completely. This should happen very quickly. If this is not the case the Primer 50A has been applied too

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heavily.

Application temperature between +5°C and +40°C.

For extremely non-porous substrates and when maximum performance and longevity is required, it is recommended the surface be lightly abraded, thoroughly cleaned with IPA Cleaner prior to the application of the 50A adhesion promoter to enhance adhesion, this is particularly important for powder coated.

It is recommended that adhesion tests be carried out. The user should ensure that the product is suitable for his requirements. Ask for advice from our technical service if necessary.

Examples of Non-Porous Substrates:

Ceramic Tiles, powder coat, fibreglass, plastics etc.

To determine whether the substrate is porous or non-porous, dispense water onto the substrate in question to form a puddle, the size of a \$1 dollar coin. If the water absorbs into the substrate in less than two minutes, the substrate is porous. If the puddle remains, the substrate is non-porous. Do not use on porous surfaces, Adheseal 2001 primer is recommended.

Cure Time

When applied as detailed in the Application section of this TDS 15 seconds.

Clean Up.

While the product is still wet, tools and spills can be efficiently cleaned with IPA cleaner.

Colour

Clear when usable

Milky white when contaminated, do not use when contaminated.

Packaging

to be in Flyers, TDS, Labels, Catalogue & Web Site

To include Stock Code

250ml PRIME50A/250

1Lt PRIME50A/1

Physical Properties

Type of product	Clear alcohol solution
Curing system	evaporation
Density (specific gravity)	N/A
Consistency	Thin liquid
Application tempera-	+5°C to +40°C
Storage: Cool Dry be-	10°C and 35°C
Consumption	N/A
VOC	N/A
Shelf life	12 months in original packaging
Clean up	Alcohol or solvent

Note:

Before application, refer to all relevant TDS's and SDS's detailed product specifications & application instructions.

Specification:

The information contained in this TDS is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement. The applicator or contractor must use their skill, knowledge, and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the company in writing.

Conditions Of Use and Disclaimer:

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided, and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workman-like manner in accordance with the instructions of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

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If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Keep victim calm and remove to fresh air. Obtain medical treatment immediately.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap and water. Seek medical attention, if irritation develops or persists.

Eye contact: If in eyes, immediately flush eyes with plenty of water, remove contact lenses. Hold eyes open, flood with water for at least 20 minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

Ingestion: If swallowed, DO NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Clean mouth with water and drink afterwards plenty of water. Obtain medical treatment immediately.

PPE for First Aiders: Wear safety shoes, gloves, apron, chemical goggles. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically. Effects may be delayed. Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

Signal Word

Danger



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