PRODUCT DATA SHEET

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METAL-ETCH CLEANER

DESCRIPTION: A phosphoric acid metal conditioner specifically designed for pre treatment of bare Aluminium, Galvanised Iron and non-ferrous alloys such as brass, copper and bronze. Metal-Etch Gel will clean and condition the metal surface to promote good adhesion of paint.

USES: For etching metals prior to painting or clear lacquering.

SIZES: 4 litre, 1 litre

PROPERTIES (at 20°C)

APPEARANCE: Pale yellow/green odorless gel (liquifies if stirred or shaken)

TOXICITY: Contains corrosive acid. See Precautions and refer to Safety Data Sheet

FINISH: N/A

COVERAGE: Spread rate of up to 14m² per litre

POTLIFE: N/A

MIXING RATIO: N/A

THINNING: This product cannot be thinned

WEIGHT/LITRE: 1.250kg

FLASH POINT: N/A

CLEAN UP: Water

UN NUMBER: 1805

TRANSPORTATION: DG Class: 8 HAZCHEM: 2R P.G. III

PREPARATION: Remove any oxidation (powdery film) by scrubbing with a nylon scouring pad soaked in NORCLEAN-PLUS. On new shiny metal galvanic iron plating or rolling oils (Aluminium) are to be treated by washing over the area with NORCLEAN-PLUS using clean rags.
Note: Metal-Etch Gel has been formulated as a viscose liquid/gel to provide better hold on vertical surfaces. Shaking or stirring the container for 1-2 minutes will liquify the METAL-ETCH for a more fluid application. By allowing the container to stand for 1-2 hours, the product will revert to a gel.

APPLICATION: Apply Norglass METAL-ETCH CLEANER to the bare metal surface direct from the container using a clean brush, or alternatively pour a quantity onto the bare metal surface and spread it with a soft nylon broom or sponge.
Metal-Etch will spread at a rate of up to 14m² per litre. Allow contact with the metal for 15 minutes MAXIMUM, then thoroughly wash off with water using a sponge, cloth or soft nylon broom. **Avoid doing a greater area than can be treated within 20 minutes**.
NOTE: Following this stage it is critical that the surface is not contaminated BY ANYTHING (including being touched by bare skin). It is important to thoroughly dry the surface using direct sun, fan heater or hot air gun as soon as possible, then apply selected Norglass Primer (see overcoating below). If there is to be any delay in priming, cover with plastic sheets to screen away from contamination. Where contamination does occur repeat the process above.

OVERCOATING: Priming of the surface should be carried out as soon as possible after the Metal-Etch Cleaner treatment is completed and the surface has completely dried. **Norglass recommends** SHIPSHAPE PRIMER-UNDERCOAT, or NoRUST ALL SURFACE PRIMER as the appropriate primers for metal surfaces. To apply refer to appropriate product label or data sheet. For clear metal finishing, apply NORTHANE CLEAR immediately after drying. Note: Metal etch can leave some surfaces with patching or blotching, take extra care if overcoating with a clear.

PRECAUTIONS:
Wear gloves, goggles and protective clothing
Keep only in original container.
Do not breathe fumes or vapours.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Do not re-use empty containers
Store locked up, in a well-ventilated place. Keep cool.
Keep out of reach of children.

SPECIAL INSTRUCTIONS: Ensure Metal-Etch is stored in its original container, or a corrosive resistant container such as glass.

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FIRST AID: If poisoning occurs call a doctor or Poisons Information Centre (Aust) on 1311 26 or (NZ) 0800 764 766 and have label information ready.

If in Eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice.

If on Skin wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs get medical advice/attention.

If Swallowed rinse mouth. DO NOT induce vomiting. Give a glass of water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs.

If Inhaled remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

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