

Non-Flammable RELEASE AGENT

Description

Non-Flammable Release Agent is a high performance release agent made from a unique blend of petroleum waxes in a non-flammable solvent which stops epoxies and urethanes from adhering to parts and surfaces.

It is used in the rebuilding of stripped threads, the repair of damaged keyways and as a mould release agent when casting new or replacement parts.

Non-Flammable Release Agent can be applied to all metals, alloys, porous castings, rubber and most plastics to prevent any polymer sticking. No mixing is required, making Non-Flammable Release Agent easy to use and apply.

Applications

- Rebuilding threads
- Rebuilding damaged keyways
- Casting new or replacement parts
- Other applications where prevention of an epoxy or urethane sticking to another part of surface is required

Advantages

- Non-flammable
- Requires no mixing and easy-to-use
- Very low flash point

Directions for Use

Surface Preparation

- All surfaces must be dry and free of grease, rust, grime and paint.
- Roughen the surface first, ideally by grit blasting (8-40 mesh grit) or through grinding with a coarse wheel or abrasive disc pad. An abrasive disc may be used provided white metal is revealed. Do not 'feather edge'.
- Metal which has been in contact with seawater or other salt solutions should be grit blasted, high pressure water blasted and then left overnight to allow salts in the metal to 'sweat' to the surface. Repeat this process if necessary to 'sweat out' all of the soluble salts.
 - Test for chloride contamination before application. The maximum soluble salts left should be no more than 40 ppm.
- Use a solvent cleaner to remove all traces of sandblasting, grit, oil, grease, dust or other foreign substances.
- In cold working conditions, it is recommended the repair area is heated to 37°C-43°C prior to application. This will dry off any moisture, contamination or solvents for maximum adhesion.
- Apply Non-Flammable Release Agent as soon as possible after preparation to avoid oxidation or rusting.

Application Method

- Shake Non-Flammable Release Agent well before use.
- Pour generous amounts onto a clean, lint-free cloth.
- Lightly rub the part or surface which will come into contact with the epoxy or urethane, leaving a thin shiny coat. Allow to dry.

Health and Safety

Non-Flammable Release Agent should only be used in well ventilated areas. Do not use near naked flames, sources of heat or ignition. Do not eat or drink whilst using.

Storage

Store Non-Flammable Release Agent in its original, unopened container at room temperature (21°C.)

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.