



Thetapel™ AM-5022

Solvent-based Repellent

Overview

- Solvent-based repellent
- Can be used for spray applications
- Fast drying
- Non-VOC wherever t-butyl acetate is exempt (this includes most of the U.S.)

Water Repellency Data:

Static water repellency ratings of 6 were found on a wide variety of stone types including granite, marble, saltillo, travertine, and concrete. The rating scale is 0-6, and untreated substrates had a 0 rating.

Oil Repellency Data:

Static oil repellency ratings varied slightly by substrate. Travertine and marble rated a 6, saltillo rated a 5, and concrete rated a 4. The rating scale is 0-6, and untreated substrates had a 0 rating.

Applications

Solvent-based repellent treatment for:

- Hard surfaces such as granite, marble, tile, brick, saltillo, concrete, limestone, slate, etc.
- Fabrics such as nylon, cotton, wool, polyester, polyolefin, etc.
- Leather and upholstery

Technical Information

Thetapel AM-5022 is a solvent-based repellent made with acrylic fluoropolymer.

The product provides a repellent barrier on surfaces such as concrete, grout, saltillo, travertine, limestone, granite, marble, and slate.

Both water and oil repellency benefits are provided.

It can be used in solvent-based penetrating sealers and surface treatments.

Formulary

Mix well before using.

The optimum loading level should be determined for each application and use.

In general, Thetapel AM-5022 is used in diluted solutions containing 5-10% of the as-delivered product.

Thetapel AM-5022 may be applied with a saturated brush, roller, or a low-pressure type sprayer.

The product is soluble in most polar solvents.

In non-polar solvents, alcohol/hydrocarbon mixtures such as isopropyl alcohol/heptane are recommended.

Typical Properties

PROPERTY	VALUE
Appearance	Clear liquid
Color	Colorless to pale amber
Odor	Acetate
Active solids, %	20 to 25
Solvent, %	75 to 80
Density@25°C	est. 0.92 g/ml
Boiling Point	Approx. 87-98°C
Flash point	4°C (39°F)
Storage	Keep container tightly closed. Store in well-ventilated location. Freeze/Thaw stable. Store at temperatures below 50°C/122°F. Avoid contact with heat, flames, and ignition sources. Incompatible with strong oxidizing agents.
Shelf life	12 months

Packaging and Handling

Thetapel AM-5022 is available in:
55 gallon steel, closed-head drums (Net Wt. 385 lbs.)
5 gallon pails (Net Wt. 35 lbs)

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product.

DOT Classification: Flammable Liquid

Whether you're looking for a replacement product or an ingredient for a specific attribute, give us a call. We can provide assistance based upon your particular formulation requirements and composition; please feel free to contact us.

Thetapel AM-5022

Solvent-based Repellent

This information relates only to the specific material referred to herein and not to its use in combination with any other material or in any process, unless explicitly stated herein. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled; however, no warranty, guarantee or other representation is made as to its accuracy, reliability, or completeness, or regarding any liabilities arising from others' intellectual property rights. ID# 20240710

An ICT Industries Inc. company 