

TECHNICAL DATA SHEET

TROPIC ADHESIVE®

TROPIC ADHESIVE (43 - 3000)



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PRODUCT DESCRIPTION

SAAF Tropic Brand 43 - 3000 is nontoxic, one component contact adhesive based on Polychloroprene which is in a diluted form and has been developed specially for use in tropical climates.

FEATURES AND BENEFITS

- Applied easily by Spray gun
- Specially developed for hot climate
- Can be used on porous & non-porous substrates.
- Has a long open time and good wet tack
- Fast drying
- Excellent bonding & adhesion strength, which increases with Age
- Excellent resistance to heat, humidity and detergents
- 60 minutes bonding range

APPLICATION TOOLS

Spray Gun, Brush, Roller or any suitable applicator.

STANDARDS COMPLIANCE

DIN 16860

RECOMMENDED USES

- Spray able adhesive by using spray gun for bonding Foam and Arabic seats House Furniture etc.
- Car carpets & lather doors
- Plastic plates

STORAGE

- Should be stored tightly closed and away from direct sunlight in a cool, well-ventilated area between 5°C to 39°C
- Protect from freezing
- Close container tightly when not in use
- Store away from ignition sources

SURFACE PREPARATION

All surfaces must be clean, dry and free from dust, dirt, paint, loose materials, oil, grease, sealers, curing compounds, waxes and all other contaminations.

PACKAGING

20Lit. Pail & 200Lit. Drum

TECHNICAL DATA

BASE MATERIAL	Synthetic Resin + Polychloroprene	OPEN TIME	5 - 7 Minutes
COLOR	Pale Yellow	SETTING TIME	30 Minutes
VISCOSITY AT 25°C ASTM D2196	800 – 1200 CPS (Sp. # 4 @ 20 rpm)	PRESSING TIME	Approx. 10 - 60 Min.
SPECIFIC GRAVITY ASTM D1475	0.80 - 0.84	FLASH POINT ASTM D3278	-17°C
SOLID CONTENTS ASTM D1644	20 - 24%	VOC ASTM D2369	262 g/l
COVERAGE (APPROX.)	4 – 6 m2/Kg	SERVICE TEMP	-5°C to 80°C
ADHESION STRENGTH AFTER AGING % CHANGE	Stable with no Change	STORAGE STABILITY	Stable (No change at 55°C)
RESISTANCE OF THE DRY ADHESIVE	Can Resist to: Heat up to 90°C, Moistures, Detergents, Oils & Non-Aromatic fuels.	FLAMMABILITY	Inflammable while it is wet
DRYING TIME	60 Minutes (Depends on absorption & Temp.)	DILUTION	Do not dilute

F/QC/13: R2

The information provided here is based on our test results and to the best of our current knowledge. The recommendations and suggestions here in are made to facilitate the application of the product without any guarantee or representation to results. We recommend you to ensure that the product meets all your requirements prior to the application.

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APPLICATION METHOD

- Stir thoroughly before using.
- Apply adhesive generously in a uniform thickness on both surfaces in a smooth pattern and cover each surface with minimum of 80% and cover the edges with 100% using the spray gun.
- Porous surfaces may require 2 coats of adhesive.
- Allow both surfaces to dry until the adhesive is no longer tacky (5 - 7 minutes).
- Position surfaces carefully before assembly.
- No adjustment is possible after contact.
- Spacers such as dowels or strips of laminate may be used to prevent premature adhesive/adhesive contact and bonding.
- Slide out the spacers and apply uniform pressure, working toward the edges.
- A 3 inch roller with maximum body pressure should be used to help ensure adequate contact and bonding, especially on the edges.
- Bonded assemblies can be machined, trimmed or finished immediately after bonding.

LIMITATIONS

Do not dilute the product with any type of solvents

CLEANING & DISPOSAL

- Excess adhesive may be removed immediately after the application
- The Tools & the excess material should be cleaned immediately by SAAF CPVC & PVC Cleaner or any common solvents like xylene, white spirit, etc. before it gets dry
- Dispose the waste according to the local regulations

SHELF LIFE

12 months shelf life when stored in it's original unopened container between 5oC to 39oC.

HEALTH & SAFETY

The product is inflammable, keep it away from heat, sparks, open flame & other ignition sources, vapors may ignite explosively. Use only in well ventilated areas.

The product should not be swallowed or allowed to come into contact with skin and eyes. Use of suitable protective gloves and goggles is advisable.

If eyes are affected with the adhesive rinse with excess amount of clean fresh water and seek for medical advice .If swallowed seek medical attention immediately and do not induce vomiting help.

HMIS Rating

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; N = No information provided

ADDITIONAL INFORMATION

SAAF IS ALSO MANUFACTURES THE FOLLOWING RANGE OF PRODUCTS

- Solvent Based Adhesives
- Water Based Adhesives
- Flooring Adhesives
- Putties & Sealants
- Coatings
- Concrete Admixtures

For further information, kindly visit our website www.tigind.com