



HP-2000 High Temperature Adhesive

HP-2000 High Temperature Adhesive is a high performance, synthetic rubber, web aerosol adhesive that is compliant in California. This product offers high initial tack for contact bonding, while also giving excellent bonds at elevated temperatures. HP-2000 forms strong permanent bonds between porous and non-porous surfaces such as insulation, metal, carpets, rubber, liners, foam, wood, plastic, and FRP. HP-2000 does not contain chlorinated solvents or ozone depleting substances and is light in color for no staining. HP-2000 has high water resistance and excellent temperature resistance. Typical applications for include bonding FRP to gel coat in marine applications, headliners, HPL, bonding difficult to bond plastics, bonding rubber to wood or metal, and bonding carpet to wood or metal.

| | |
|---------------------------|--------------------------|
| Technology / Base | Synthetic Rubber |
| Type of Product | Aerosol Contact Adhesive |
| Components | One Component |
| Curing | Solvent Release |
| Appearance / Color | Light Amber/White |
| Consistency | Web Spray |

Features and Benefits

- California Compliant
- Excellent Temperature Resistance
- Excellent Water Resistance
- High Tack and Excellent Adhesion Properties
- Excellent Bonding to Metals, Plastics, Wood, Laminates, Rubber, FRP, Gel Coat, Low Energy Plastics, Polyethylene, Polypropylene, SBR Rubber, Foam
- No Chlorinated Solvents
- No Ozone Depleting Substances
- Light Color with No Staining

Technical Data

| Typical Properties | Value | Condition/Method |
|---|---|----------------------------|
| Solvents | Methyl Acetate, Cyclohexane, ZemaSol, Oxsol-100 (PCBTF), Propyl Acetate, Pentane and Hydrocarbon Propellant | |
| Solids Content by Weight | 18% | |
| Density | 6.32 lb/gal | |
| Spray Pattern | Web | |
| Dry Time | 1-2 min | |
| Bonding Time | Up to 15 min | |
| Shelf Life | 12 months in unopened container | when stored below 90°F |
| 180° Peel Strength | 15-20 lb/in | 3 days at 73°F, ASTM D3330 |
| Shear Adhesion Failure Temperature (SAFT) | 240°F | ASTM D4498 |
| Operating Temperature | -40°F to 130°F | |



Surface Preparation

Clean, dry, dust-free surfaces are required for optimum bond strength. Surface temperatures should be maintained at temperatures above 40° F. The adhesive should be applied in smooth even coats to both surfaces and adequate pressure applied to assure complete contact.

Application Methods

- Shake can well before use.
- Always direct arrow & spray toward surface to be bonded, holding can 6-10 inches from bonding surface and apply in even coats.
- Always maintain product package in an upright position and hold parallel to substrate.
- Spray both surfaces and allow 1-4 minutes for drying.
- Bond both surfaces together with maximum uniform pressure over entire surface.
- Always test production pieces in typical bonding & operating conditions for best application techniques and compatibility.
- If clogging occurs, clean tip & valve with acetone.

Safety and Disposal

See SDS for safety information, warnings, precautions, personal protective equipment, and disposal information.

Clean-Up

Acetone is recommended for cleaning equipment and over spray. Other solvents will provide varying degrees of cleaning capability.

Precautionary Data

FLAMMABLE. Keep away from sparks and open flames.

- For Professional/Industrial use only.
- Keep away from children.
- Read label and Safety Data Sheet carefully before use.
- Do not puncture or incinerate containers.
- Do not store at temperatures above 120°F

Storage

Product should be stored in a cool dry place out of direct sunlight. The shelf life is from date of manufacture. Shelf life is based on the products being stored properly at temperatures between 55°F and 90°F.

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