



HTR-1

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

BATES® HTR-1 is a “light duty,” water-based resin emulsion that dries to a very thin, soft coating that can be used to repel glue in hot gluing applications up to 300°F/148.9°C.

BATES® HTR-1 provides temporary, effective protection from unwanted build-up of highly active compounds such as adhesives, resins, and fiberglass. It forms a thin protective coating that allows for easy scraping and removal in accumulation areas.

Consistent use of BATES HTR-1 allows for dried glue to be easily scraped off and cleaned up, preventing the need for harsh cleaning methods that can damage equipment.

RECOMMENDED APPLICATIONS

- Applicator wheels & rolls
- Clamps & clamp carriers
- Hot gluing equipment
- Glue pans
- Heat press platens
- Joiners
- Planer tables
- Radio frequency glue systems
- Saw tables
- Set-up tables
- Slat conveyors
- Spray booths
- Spreaders

FEATURES

- Temporary barrier coating for hot gluing applications
- Dries to a very thin, soft film
- Formulated to work with high temperature and high performance adhesives
- Prevents glues, adhesives and resins from adhering to machinery
- Allows for dried glue mess to be easily scraped off
- Reduces machinery down-time for cleaning
- Regular application prevents need for harsh cleaning methods
- Silicone-free
- Non-toxic
- Non-hazardous
- No solvents

TYPICAL PHYSICAL CHARACTERISTICS

Color	Viscous white liquid, dries clear
pH	8-9
lbs/gal	8.3
Specific Gravity	1.0
Viscosity	100 cps
Max Application Temp.	300°F/148.9°C
Odor	Nil
VOC Content	Nil

PACKAGING SIZES

5 Gallon Pail | 55 Gallon Drum

FREIGHT CLASS

55



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APPLICATION INSTRUCTIONS

PREPARATION

- Surfaces must be clean and free of contamination. BATES® HTR-1 is not a glue remover and will only work when applied to clean equipment.
- Before initial application, clean equipment to remove any oily residue that would prevent HTR-1 from adhering to the surface.
- Any glue equipment surface, or equipment exposed to glue drippings, can be protected by HTR-1.

APPLICATION

HIGH FREQUENCY GLUERS AND HOT PRESSES

- Apply HTR-1 using a cloth, brush, sponge or spray bottle. Spread HTR-1 to create a thin uniform film on the surface. Wipe or brush out any puddles.
- HTR-1 can be applied to hot surfaces. Apply HTR-1 below 200°F/93.3°C for best film formation.
- Allow HTR-1 to dry completely before operation begins; overnight is best.
- HTR-1 can be used in hot gluing applications up to 300°F/148.9°C. For applications above 300°F/148.9°C, use BATES HTR-4.

VACUUM/MEMBRANE PRESSES

- Coat the tray with an even film of HTR-1 using a foam brush or roller. Wipe or brush out any puddles.
- Allow HTR-1 to dry completely before operation begins; overnight is best.

REMOVAL AND REAPPLICATION

- Accumulated compounds can be easily scraped off equipment using a straight-edged scraping tool.
- In high volume operations, HTR-1 should be reapplied once per day or at the end of each shift.
- In low volume operations, HTR-1 should be reapplied once per week.
- Cleaning solvents are not needed for the removal of accumulated glue if proper application and removal procedures are followed.

CLEANUP AND STORAGE

- Application equipment can be cleaned using hot soapy water.
- Securely cover container of HTR-1 to prevent evaporation and deterioration. Stirring may be necessary after long periods of storage.
- Store HTR-1 in a climate controlled area to prevent freezing. It should be stored at temperatures between 50°F/10°C and 90°F/32°C. If HTR-1 freezes, store at room temperature until thawed and stir contents thoroughly before using. DO NOT heat the container of BATES.

PRECAUTIONS

- DO NOT use on floors or walkways.
- Contains no toxic or hazardous materials
- Safety Precautions
 - Use vinyl gloves and eye protection.
 - Avoid breathing in spray. If inhaled, move to fresh air.
 - Avoid contact with eyes. If splashed into eyes, rinse with clean water for 15 minutes.
 - If skin irritation occurs, wash area with soap and water.
 - If accidentally ingested, immediately drink 2 glasses of water and contact a physician. Do not induce vomiting.

U·C COATINGS
WOOD PROTECTION PRODUCTS

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