

Product Information Bulletin

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HRS 473 CONTACT SPRAYABLE GRADE

DESCRIPTION:

HRS 473 Sprayable Contact has been formulated to meet varied needs for laminate fabrication. This adhesive gives fast drying time, and a strong heat resistant and a water resistant bond. HRS 473 is a high performance sprayable contact adhesive that displays excellent adhesion to a wide range of substrates. 473 is noted for its high initial tack and strong bond formation. This quality product has excellent spreading and wetting characteristics that provide ease of application and good coverage on both porous and non porous materials.

CHARACTERISTICS

- Highly flammable
- Solvent based
- Strong final bond
- Versatile adhesion
- Heat, moisture and oil resistance
- Quick drying
- Easy to apply
- Good aging properties
- Coverage: approx. 5m²/ltr
- Dry time: 3-5 minutes
- Coverage; 5-7m²/ltr
- Available in; 200ltr & 20ltr drums

PREPARATION

In order to achieve maximum bond strength, surface to be bonded must be clean and dry. All dirt, dust, oil, moisture or other extraneous materials must be removed prior to applying the adhesive. Unclean metals or other non porous surfaces should be cleaned with Holdfast MPS Solvent. Adhesive should not be used in excessive cold or excessively hot conditions i.e. below 8°C or above 28°C.

APPLICATION

1. Surface must be sound, clean, dry and free from dust, oil and grease.
2. Spray adhesive evenly over both surfaces the air pressure of the spray gun should be approx 60-80 psi and the fluid pressure should be set at 8-9 psi.
3. Wait until touch dry (normally 3-5 mins) depending on drying conditions.
4. Bring the materials together with strong even pressure. The coated surfaces will now form a powerful bond.
5. Remove surplus adhesive with Holdfast MPS Solvent. Clean tools in MPS Solvent.

NOTE

* DO NOT use on polystyrene, Vinyl/Cellulose paint or mirror tiles, store adhesive in a cool place, away from fire and sparks.

DRYING

Once HRS 473 has been applied, allow the solvents to volatilise for 3-5 minutes or until the surfaces are tack free to the touch at room temperature before bonding. Shorter drying time can be achieved by heating the coated surfaces 1-3 min at 82-93°C. Heat drying is best for removing solvents to combine two non porous surfaces.

BONDING

Normal contact bonding; combine the freshly dried adhesive coated surfaces by means of a press or roller with as such pressure as is practical. Heat reactivated "Contact Bonding". After the adhesive coated surfaces have thoroughly dried (up to several hours) heat to 82-93°C, then whilst hot and tacky combine and press. Maximum bond strengths are obtained by this method.

HANDLING PRECAUTIONS

This product is flammable. Use only in well ventilated areas. Keep away from heat, sparks and naked flames. Avoid contact with skin and eyes. Avoid breathing vapours. If swallowed do not induce vomiting, give plenty of water or milk, contact a doctor. This adhesive has a shelf life of 6 months from date of manufacture. Do not allow product to freeze in container and keep out of direct sunlight.

VENTILATION

Always make sure that there is adequate ventilation when using this adhesive.

CONDITIONS OF SALE: contain a limited warranty against manufacturing defects.

NOTICE TO THE PURCHASER

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Users assume all risk and liability resulting from the use of this product and must confirm the suitability thereof by their own tests.

CONTACT POINT: Technical Manager

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