

*Adhesives**Jan 1993**New Issue*

## LOCKFAST SPRAYABLE RUBBER ADHESIVE

### CS403

#### DESCRIPTION

Lockfast CS403 is a sprayable, solvent based rubber and resin based adhesive. CS403 is suitable for bonding expanded polystyrene foam to itself or timber and particle board. CS403 exhibits very fast dry and is suitable for bonding many materials.

#### FEATURES

Bonds polystyrene  
Bedding adhesive  
Low odour  
Fast dry  
Tacky when dry (pressure sensitive)

#### **\*\*\*Caution\*\*\***

Always test a small area of the particular materials to be bonded to evaluate suitability of the adhesive.

#### TYPICAL PROPERTIES

**Type:** Sprayable rubber adhesive  
**Base:** Styrene butadiene rubber/resin  
**Colour:** Red  
**Adhesive solids:** 25%  
**Flash point:** <0°C Highly Inflammable  
**Density:** Approximately 0.8kg/L  
**Shelf life:** 12 months in unopened containers at 5-30°C  
**Toxicity:** Contains potentially toxic solvents (aliphatic hydrocarbons).  
Breathing vapour should be avoided.

#### DIRECTIONS FOR USE

##### Caution

Always ensure adequate ventilation is provided. Do not use near naked flames, electric heaters, electric motors or other sources of ignition.

##### Adhesive

Stir adhesive thoroughly before using, a small amount of solvent LA may be added to thin if necessary. Do NOT add LA if bonding polystyrene.

## **Surface Preparation**

It is essential that the surfaces to be bonded are dry and clean. All traces of dust, oil and dirt must be removed; it may be necessary to wipe surfaces with solvent.

## **Application**

For good result the temperature of the adhesive and materials to be bonded should be above 10°C with relative humidity below 80%. CS403 may be used with air or airless spray equipment, provided such equipment does not provide a source of ignition. Spray, trowel or brush a uniform coat of adhesive on both surfaces to be bonded. Allow adhesive to dry until it feels slightly tacky to the touch. This will take 1-5 minutes depending on porosity of the materials and ambient temperature. On porous surfaces it is desirable to apply a second coat of adhesive. Accurately position the surfaces to be bonded then bring the coated surfaces together with smooth even pressure. Bond strength is immediate.

**Note:** CS403 is heat sensitive and will not perform well in warm areas particularly if there are thermal stresses created in the bonded materials.

## **Coverage**

Approximately 5 square metres per litre, that is 2.5 square metres of bonded area per litre.

## **Clean-up**

Lockfast Solvent LA is suitable for cleaning adhesive from equipment. Solvent LA is also suitable for cleaning adhesive from surfaces without smearing the adhesive. Clean-up solvent in brushes or rollers will attack polystyrene substrates.

## **Caution**

Solvent LA is inflammable and has harmful vapours.

## **IMPORTANT NOTE**

This bulletin is for general guidance only and may contain inappropriate information under particular conditions of use. It is the adhesive user's responsibility to ensure that the adhesive is suitable for the intended application. If in doubt about any aspect of suitability or application seek advice from Nuplex Industries Ltd before using.