

Description

TYGRIS Heavy Duty is a multipurpose spray adhesive suitable for bonding a wide variety of materials giving a rapid and strong bonding formation and is economical in use. TYGRIS Heavy Duty bonds a wide variety of substrates including carpets, wood, concrete, stone, tiles, rubber, foam, metals, rigid plastics, polyethylene, canvas fabrics, cardboard, paper and cork. TYGRIS Heavy Duty is ideal for fixing polyethylene sheeting for enclosures prior to asbestos removal, for fixing thermal insulation and for packaging applications such as palletising or case sealing. It may be used for foam bonding, upholstery, automotive, carpets and trim and is useful for temporary bonding instead of double sided tapes. **Do not use on flexible PVC or expanded polystyrene.**

Benefits & Features

- Methylene chloride free
- Uniform spray
- Fast easy application
- Fast drying
- Long open time
- Bonds to a wide variety of substrates
- Shear Strength 450kPa

Directions for Use

Use in a well ventilated area. Shake well before use. Surfaces should be clean, dry and free from dust and grease. Hold the aerosol at approximately 6" - 8" and 70° to the surface. Apply a uniform coat of adhesive to one or both surfaces, ensuring 80-100% coverage. On porous surfaces, it may be necessary to apply a second coat. For one-way application, let adhesive dry for 30 seconds until tacky and then press into position. For two-way application, spray both surfaces and allow to dry for 2 - 5 minutes before bonding. For temporary bonding, spray one surface and allow to dry for 2 - 5 minutes before bonding. To prevent the spray nozzle from blocking, at the end of each period of use, turn the can upside down and press nozzle until spray is clear of adhesive. Excess adhesive can be removed with a suitable solvent cleaner such as white spirit. TYGRIS Heavy Duty dries in two to five minutes under normal conditions, but this will vary under different temperatures and humidities. High humidity and low temperatures will slow the drying time and if the temperature gets very low, can produce bloom. Bloom is moisture which forms on the glue line caused by solvent evaporation lowering the air temperature above it.

Storage

Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. **Do not stand on a cold concrete floor.** Low temperatures can result in irreparable separation of the adhesive. Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months. **DO NOT ALLOW THE PRODUCT TO FREEZE.**

Technical Data

Appearance:	Amber
Contents:	Solvent - Hydrocarbon/acetone Propellant - Hydrocarbon Solids content (approx.) - 33%
Spray Pattern:	Web
Coverage (500ml aerosol):	~2.5m ² (dry coat weight of 25gm-2)
Heat resistance:	-20°C to +60°C

Note

This technical data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department.

