

# Technical Data Sheet

25/05/2018

Issue 1

## Tuskbond HD20 Heavy Duty 500ml

### Contents

1. Supplier
2. Product Description
3. Technical Specifications
4. Directions for Use
5. Limitations
6. Storage
7. Disclaimer

### Supplier

Sangler Ltd.  
 Shelley Close  
 Lowmoor Business Park  
 Kirkby in Ashfield  
 NG17 7JZ  
 T: 01623 722661  
 F: 01623 885971

### Product Description

**Tuskbond HD20 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.

**Tuskbond HD20 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.

**Tuskbond HD20 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.***

### Features

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

### Technical Specifications

| Property                 | Tuskbond HD20 Heavy Duty                                    |
|--------------------------|---|
| Solvent                  | Hydrocarbon/acetone   |
| Propellant               | Hydrocarbon   |
| Solids Content (approx.) | 33%   |
| Spray Pattern            | Web   |
| Colour                   | Amber   |
| Coverage (500ml aerosol) | ~2.5m <sup>2</sup> (dry coat weight of 25gm <sup>-2</sup> ) |
| Heat Resistance          | 60°C  |

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## Directions for Use

### **USE IN A WELL VENTILATED AREA**

1. Shake well before use.
2. Surfaces should be clean, dry and free from dust and grease.
3. Hold the aerosol at approximately 6" – 8" and 70° to the surface.
4. Apply a uniform coat of adhesive to one or both surfaces, ensuring 80-100% coverage.
5. On porous surfaces it may be necessary to apply a second coat.
6. For one-way application, let adhesive dry for 30 seconds until tacky and then press into position.
7. For two-way application, spray both surfaces and allow to dry for 2 – 5 minutes before bonding.
8. For temporary bonding, spray one surface and allow to dry for 2 – 5 minutes before bonding.
9. 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.
10. Excess adhesive can be removed with a suitable solvent cleaner such as white spirit.

## Limitations

**Tuskbond HD20 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**

## Disclaimer

*All the information in the Data Sheet is based on practical experience and is published in good faith. However, because we have no control over the manner or conditions in which our products are used, or over work undertaken or end product manufactured by the purchaser, we cannot accept liability for results. Responsibility for ascertaining the suitability of products for his purposes rests with the purchaser. All conditions, representations, statements, warranties or guarantees whatsoever, whether express, implied or statutory, in respect of any goods manufactured, sold or supplied by us are hereby expressly excluded and we accept no liability in respect of any claim for damage or consequential loss caused to any property arising directly or indirectly out of the use of our products or goods.*