

# BS 2080

## Aerosol Adhesive

### General Description

A synthetic rubber based heavy-duty aerosol adhesive using ozone friendly propellants developed specifically for quick, clean and convenient spray application. BS2080 can be used to bond a wide variety of substrates to all materials including wood, plastics, metal, insulation foams, fabric, cardboard and paper. BS2080 gives you a clean versatile adhesive application with instant grab, a long tack life and variable spray pattern.

### Applications

BS 2080 finds applications in almost any industry, examples of which are upholstery, insulation, automotive, packaging, flooring, building and shopfitting. (Not suitable for bonding plasticised PVC or PVC coated materials.) It is designed to be sprayed onto both substrates to be bonded, which when consolidated together will form an instant permanent bond. But with more lightweight or fibrous materials a one way bond can be achieved quite easily.

### Technical Data

Chemical Base	Synthetic Rubber
Viscosity	Sprayable
Specific Gravity	0.73 – 0.77 as an aerosol
Solvents	Chlorinated hydrocarbons
Total Solids Content	12 – 15% as adhesive
Flammability	Non-flam but propellant is highly flammable
Service Temperature	-20°C to +60°C in low stress applications.
Colour	Pale Straw
Chemical Resistance	Resistant to moisture, dilute acids, alkalis and oils.

### Application Data

#### Packaging

Available in 500ml aerosols, boxed in dozens.

#### Storage Life

12 months

#### Application Temperature

Above 10°C as below this “blooming” can occur on the adhesive surface.

#### Storage Temperature

Between 4°C and 25°C.

### **Coverage**

Approximately 2m<sup>2</sup> per 500ml aerosol dependant on the substrates being bonded. An increase in surface porosity or non-uniformity will reduce this coverage.

### **Substrate Preparation**

All surfaces should be dry and free from loose dust or contamination by oils or release agents. Cleaning solvents if used must be allowed to evaporate before application of the adhesive.

### **Application**

Shake can well before use. Adjust the spray head to fan width setting. For a strong bond spray several light coats onto both surfaces, for a lighter bond apply to one surface only. Spray the adhesive 5" – 8" away from the substrate, after use invert the can and spray for a few seconds to clear the nozzle.

### **Bonding Range and Pressures**


Allow the solvent to evaporate before consolidating the bond, by pressing the substrates firmly together. Do not stress the joint for several minutes allowing full bond strength to be developed.

### **Cleaning Solvent**

CAS 700 or white spirits.

### **Health & Safety Information**

Please consult the BS 2080 Material Health & Safety Data Sheet for statutory Regulation information.

 <p><b>HARMFUL</b></p> <p><b>Contains:</b> Dichloromethane.</p>	<p><b>RISK PHRASES</b> Possible risks of irreversible effects.</p> <p><b>SAFETY PHRASES</b> Do not breathe spray. Avoid contact with skin and eyes. Use only in well ventilated areas. Wear suitable protective clothing and gloves.</p>
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