

## Product/Technical Data Sheet (TDS)

# Polyurethane Adhesive & Sealant

### Description

*MOTOSPRAY POLYURETHANE ADHESIVE & SEALANT* is a high performance, fast cure, single component polyurethane adhesive and sealant. It is formulated as a highly durable, non-sag, and flexible sealer designed for easy application by cartridge gun.

### Uses

*MOTOSPRAY POLYURETHANE ADHESIVE & SEALANT* is used wherever exceptional adhesion and bond strength is required. It is suitable for a wide variety of industrial, marine and automotive adhesion applications, both internal and external.

Structural adhesive in vehicle assembly (bus, truck, passenger and industrial vehicles), air-conditioning, refrigeration, general industrial and maintenance.

Sealing and joining panels for storage vessels, heavy shipping vessels, sealing door and window framing, sealing gaps and adhering façade and cladding material.

### Properties

Exceptional adhesion and bond strength.

Fast curing.

Colour - Black - Sandable and paintable.

Permanently flexible.

Service temperature -40°C to +80°C

Dampens noise, vibration and shock.

Slump resistant.

Good chemical and excellent water resistance.

### Suitable Substrates

Sheet metal, steel, aluminium, stainless steel, timber, ceramics, most masonry and concrete, brick, most plastic including ABS, GRP injection, moulding PU, PVC.

Not designed for automotive windscreens, chlorinated pools and spas or marine deck caulking. Do not use in joints where abrasion may occur eg paths, driveways. Do not apply to surfaces with special protective or cosmetic coatings such as mirrors.

### Surface Preparation

Surfaces must be sound and all previous coatings must be removed.

Ensure surface is free of dust, dirt, laitance and loose material by wire brushing.

Surfaces must be thoroughly dry.

Clean surface with *Prepwash* to remove wax, grease, oil and silicone.

### Application

Pierce tip of cartridge and fit the nozzle.

Cut nozzle to desired bead thickness and angle then apply using a cartridge gun.

Push sealant ahead of nozzle to completely fill joint then smooth and wipe off excess immediately with *Acetone*.

May be used between 5 and 35°C. Do not apply in areas where water or very high humidity is present during application period.

Tool working time: 30 minutes.

Tack free time: 45 minutes.

Full cure 7 days.

Painting: Allow to cure for minimum 3 hours before painting. May be painted with most conventional coatings after full cure. Flexible coatings are best. Acrylic and epoxy coatings are compatible but some enamels and solvent based coatings may cause softening of the surface. A small test should be carried out before painting.

**RUST-OLEUM®**  
**MOTOSPRAY™****Coverage**

380 gram cartridge – 43 lineal metres for 3mm bead, 10 lineal metres for 6 mm bead.

**Clean up**

*Motospray Acetone.*

**Storage**

Store in a cool dry place.

Shelf life 12 months for unopened cartridge.

**Safety**

See material safety data sheet.

**Standard Packages and Product Codes**

380 gram PUSEAL

*The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.*