

## SILICONE SPRAY

A highly effective silicone fluid in aerosol form. **Spanjaard Silicone Spray** is registered with the NSF as a Category H1 lubricant for use in the food processing industry where incidental food contact may occur.. NSF Registration number is 139905

### GENERAL USES

#### Plastic and Rubber Moulding

All plant for moulding of plastics, whether by compression or injection, should use **Spanjaard Silicone Spray**. It is also effective on embossing rollers. Not only does **Spanjaard Silicone Spray** ensure positive release from moulds, it also imparts a better finish to products. In moulding or synthetic rubbers, **Spanjaard Silicone Spray** is a powerful release agent.

#### Printing and Stereotyping

In the print shop the uses of **Spanjaard Silicone Spray** are numerous. Every day new uses will be found. The most common applications are to prevent set off, to eliminate static adhesion, to avoid smudging. Periodic spraying of guillotine blades will increase their cutting life. Since **Spanjaard Silicone Spray** is used as a Release Agent in moulding, it has a definite place in the processing of stereotypes in metal and rubber.

#### Handling of Foodstuffs and Cooking

To keep conveyors and chutes free from greases and stickiness and to reduce friction, spray with **Spanjaard Silicone Spray**. **Spanjaard Silicone Spray** meets incidental food contact regulations and imparts no smell or taint. **Spanjaard Silicone Sprayed** in ovens and on utensils cleans more easily too.

#### Building Industry

The Silicone content of **Spanjaard Silicone Spray** makes the most effective releasing spray on shuttering. Also treat glass and face-brick surfaces with it to prevent the adhesion of paint and plaster.

#### Welding and Metal Casting

In core making, shell moulding and in the hot box and carbon dioxide processes, **Spanjaard Silicone Spray** will facilitate the operations. In foundry work too it will save time and tempers.

**Welding - if surfaces are sprayed around the spot to be welded, weld spatter can easily be removed.**



### TYPICAL PROPERTIES

Colour	Water Clear
Viscosity, cSt, 25°C	500
Flash Point, °C	315
Pour Point, °C	-50
Density, g/cm <sup>3</sup>	0,97
Expansion Coeff, 10 <sup>-4</sup> /°C	9,2
Thermal Conductivity, WK <sup>-1</sup> m <sup>-1</sup>	0,15
Volatility, % (230°C for 2h)	<2,0
Refractive Index	1,4035
Dielectric Const, 25°C/100hz	2,74
Surface Tension at 25°C, mNm <sup>-1</sup>	21,1
Operating Temp., °C	-40 to 200

### HANDLING AND STORAGE

Extremely flammable aerosol. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat / sparks / flames / hot surfaces. No Smoking. Do not pierce or bum, even when empty. Do not spray onto an open flame or any incandescent material. 85% by mass of the contents are flammable. Keep out of reach of children.

### PACKAGING

200ml and 400ml - Aerosols

CP/mg/ Silicone Spray – June 2016