

MSSA No Bond

Technical Bulletin

MSSA No Bond effectively prevents undesired bonding of particles of all present-day materials, (including the exothermic, self-bonding materials and wire), applied by all processes; metallizing, thermospray and plasma flame spray. For most of applications, MSSA No-Bond eliminates the cost and inconvenience of mechanical masking.

MSSA No-Bond is non-flammable, non-toxic at all temperatures, and will not irritate normal skin. MSSA No-Bond is easy to apply to a clean surface with a brush, and with paint spraying equipment. It is readily machinable, will hold a sharp line and will not run or bleed when heat is applied.

The compound, as applied, is blue-black. If the temperature of the workpiece rises above 600oF, the blue-black colour will turn brown. This characteristic is useful as an indicator of overheating.

How to use MSSA No-Bond:

- Degrease the workpiece.
- Stir the MSSA No-Bond thoroughly.
- The compound presents no problems of shelf life, but there may be some segregation of components during storage. If it should thicken, restore it to the consistency of "no-drip" latex paint by stirring in a small quantity of water.
- Apply. For smooth surfaces, one coat is sufficient. On grit blasted surfaces use two coats. Additional coats do not improve the protection afforded by the compound. If the MSSA No-Bond is applied too thick, some blistering may occur. In most cases, this blistering has no effect on the protection of the surface.
- Let dry. At ordinary temperatures, one coat of MSSA No-Bond dries in approximately 15 minutes. Drying time can be accelerated by the gentle application of heat.

After spraying, most overspray will wash off with water. Heavy overspray may require light wire brushing or gentle scraping. Warm water makes removal somewhat faster. Warm water can also be used to clean the brushes or spray gun used to apply MSSA No-Bond.