

Application Instructions IC-1 Insulating Coating

IC-1 is designed to provide a layer of insulation to isolate components or environments from high temperature transfer. **IC-1** may be brushed or sprayed on to virtually any substrate. **IC-1** has been used in auto racing as an insulator between the exhaust system and the driver's compartment. **IC-1** is a metallic/aluminum in color. This color also helps reflect heat away from the coated surface.

The following are general instructions to help you achieve the best results using these products.

Surface preparation:

- The parts to be coated must be clean and free of all oils, grease, moisture, dust, scale or corrosion.
 - If the part has oils, grease or other contaminants it must be cleaned to allow the coating to adhere to the substrate. Solvents can be used if they will completely evaporate without any residue.
- A lightly etched surface is the best to apply the coating to. This can be done with steel wool, sand paper or light sand blasting.
 - Remove any residue from the part with compressed air or with a tack rag.
 - Remove any oils or other contaminants that may have contacted the surface while etching, with a solvent such as acetone or lacquer thinner and allow to dry.

Preparation of the coating:

- Shake and stir the coating before use. The solids will have settled in storage and shipping, the best heat protection results are achieved when the coating is fully mixed before application.

Equipment:

- Paint brush may be used to apply the coating.
- A detail touch-up spray gun with a 1 mm or larger tip, may be used to apply the coating.
 - When spraying use a respirator with the correct NIOSH filter (consult the SDS before using).
- Wear safety glasses or goggles.
- Wear gloves to protect your hands from the coating and from solvents

Spraying the coating:

- Spray the coating in all hard to reach areas first then move out to the other areas.
- Inspect part for complete coverage.
- Multiple coats may be applied after the previous coat has dried to the touch.

Brushing or rolling the coating:

- Apply the coating in smooth even strokes, avoiding runs.
- Work from one corner and move out to a diagonal corner. This will allow you to go back to the start for the next coat as it should have dried enough by that point.
- Multiple coats with a dry time between will give the best heat resistance results.

Humidity will affect the speed of drying. The coated part is ready to be put in service after the coating is fully dry (normally in 24 hours).

Hazard Information**Danger**

- Causes skin irritation
- Causes Serious Eye Damage
- Suspected of causing cancer through inhalation

Precautionary Statements:

Wear eye and face protection, wear protective gloves. Wash hands, face and skin thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

If on skin: Wash with plenty of water. If skin irritation occurs: get medical advice / attention. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously in water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advise / attention.

If exposed or concerned: Get medical advise / attention.

Dispose of contents / containers in accordance with local regulations.

Read Instruction Sheet and SDS before use