



Mill-Pac Gray Instruction Sheet

Description:

Mill-Pac Gray is an organically bound, non-toxic paste sealant that was originally developed for use in sealing foundry molds to floors or stools, or for sealing stress cracks or bad joints in molds. It has also found use in sealing boiler and oven doors, as well as sealing burners. **Mill-Pac Gray** will not handle any pressure, but its high temperature rating and low cost makes it a sealant of choice.

Mill-Pac Gray will stay soft until heat is applied. Once cured it becomes a leathery like consistency. Sealant is not an adhesive and must be held in place by the joint which is being sealed.

Mill-Pac Gray is not classified as a hazardous material and is able to be shipped by any means worldwide.

Application Instructions:

Surface should be 120°F or less as sealant will spread more easily over a cooler surface. Remove debris and oils from the surface to be sealed. Spread **Mill-Pac Gray** onto the joint face as evenly as possible using a spatula or putty knife, or by caulking a bead onto the surface. Assemble the joint (or close the door) and torque bolts to the recommended specifications. Sealant will cure with heat over time to a leathery like consistency at lower temperatures, or a harder expanded closed cell matrix at much higher temperatures. Uncured product cleans up easily with mineral spirits or isopropyl (rubbing) alcohol. Use a wire wheel or synthetic abrasive pad to clean up cured material.

For foundry use, spread Mill-Pac Gray onto the surface to be sealed and set mold in place. Sealant will prevent finning during the casting process.

Benefits:

- Non-toxic formulation
- Inexpensive
- Easy application and clean up
- Expands with heat to provide a good seal
- Resists molten metals

Mill-Pac Gray Tech Data:

Binder: Organic

Specific Gravity: 1.27

Max Continuous Temp: 1050°F (other than foundry use)

Color: Gray

Consistency: Caulkable paste

Shelf Life: 1 year

Packaging: Gallon cans, 5 gallon buckets, 10.3 oz. and 29 oz. Caulking Cartridges

See MSDS information for precautions