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Chilloff A

Aluminum Oxide Solvent-Based Polymer Coating

Chilloff A is a white-colored, solvent-based coating that is adherent to all substrates and dries to form a tough permanent Al_2O_3 coating to dissipate heat quickly.

Key Attributes

- Easy to use on metals, plastics, and other surfaces
- Permanent coating, insoluble in alcohols and acetone
- Solutionized polymer gives toughness to dried coating
- Smooth, uniform layers to cool/chill down surfaces

Ideal Uses

- Dissipating heat derived from electronics
- Easy to use on metals, plastics, and other surfaces

Use Notes

1. Resuspend if needed.
2. Clean surface to be painted of any oils, dirt, scale, etc.
3. Apply coating like housepaint (bristle brush or dipping).
4. Allow to thoroughly dry, typically less than an hour at room temperature.
5. Ready to use after drying.

Note: Can be removed from unwanted areas with Methyleneethylketone (MEK) or Mineral Spirits.

Safety Information

- Consult SDS before use.
- Avoid breathing of vapors.
- For Industrial use only.



Specifications

Active Ingredients	Aluminum oxide, Al_2O_3
Max Use Temperature	250 C (450 F)
Use Atmosphere	Air
Liquid Carrier	Solvent Mixture
Brookfield Viscosity (cps)	6000@4/60
Specific Gravity	0.9
Color	White
Shelf Life (months)	>12
Coverage (ft ² /gal.)	100-400
H F R Ratings	1-3-0
Substrate Use	Metals, plastics, ceramics

Note: Meets NASA space outgassing test per ASTM E595.

Sizes and colors

Chilloff A is a white colored paint.
 Standard Sizes: 8 oz. (237 ml) container

CAUTION: DO NOT CONTACT WET SURFACES WITH MOLTEN METAL.

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