

Gd₂O₃ Paint

- 1 FOR CURED PAINT 70% Gd₂O₃ & 30% EPOXY
- 2 TAKE THE WEIGHT OF THE Gd POWDER AND MULTIPLY IT
- 3 BY .4285. THIS IS THE WEIGHT OF THE EPOXY PLUS CURING AGENT.
- 4 THE RATIO OF EPOXY TO CURING AGENT IS 2 TO 1
- 5 DO NOT MIX THE CURING AGENT WITH THE EPOXY AT THIS TIME.
- 6 MULTIPLY THE NUMBER THAT YOU GOT ON LINE 3 BY .666.
- 7 THIS IS THE WEIGHT OF THE EPOXY TO BE MIXED WITH THE
- 8 Gd₂O₃.
- 9 ADD TO THE MIXTURE ENOUGH ACETONE TO GET THE MIX
- 10 TO THICK PAINT CONSISTENCY. MIX WELL.
- 11 THE AMOUNT OF CURING AGENT TO ADD TO THE MIX JUST PRIOR
- 12 TO USING THE PAINT, MULTIPLY THE VALUE ON LINE 3 BY .333.