

MEASUREMENTS GROUP -- TYPE 361A-20R SOLDER -- 3439-00-922-1051  
===== Product Identification =====

Product ID:TYPE 361A-20R SOLDER  
MSDS Date:01/01/1985  
FSC:3439  
NIIN:00-922-1051  
MSDS Number: BFWLF  
=== Responsible Party ===  
Company Name:MEASUREMENTS GROUP  
Emergency Phone Num:919-365-3800  
CAGE:88952  
=== Contractor Identification ===  
Company Name:MEASUREMENTS GROUP INC  
Address:9517 US 64 HWY  
Box:City:  
WENDELL  
State:NC  
ZIP:27591  
Country:US  
Phone:919-365-3800  
CAGE:88952

===== Composition/Information on Ingredients =====

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: 63%  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 36.6%  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA III)  
CAS:7440-36-0  
RTECS #:CC4025000  
Fractio

n by Wt: 0.35%  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG SB/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ROSIN (CORE FLUX)  
Fraction by Wt: 3.4%

Ingred Name:ALIPHATIC ALCOHOL  
Fraction by Wt: 0.18%

===== Hazards Identification =====

Effects of Overexposure:FLUX: CAN CAUSE IRRITATION OF SKIN & MUCOUS  
MEMBRANE.

===== First Aid Measures =====

First Aid:REMOVE VICTIM FROM CONTAMINATED AREA & KEEP EWARM & QUIE  
T IN  
FRESH AIR.

===== Fire Fighting Measures =====

Flash Point:261F,127C COC  
Extinguishing Media:FLUX:CO\*2, DRY CHEMICAL  
Unusual Fire/Explosion Hazard:IN A FIRE MATERIAL COULD EMIT TOXIC &  
CORROSIVE FUMES.

===== Accidental Release Measures =====

Spill Release Procedures:FLUX MAY BE WIPED FROM A SURFACE WITH  
ISOPROPYL ALCOHOL & A SPONGE.

===== Handling and Storage =====

Handling and S  
torage Precautions:USE WITH ADEQUATE LOCAL  
VENTILATION,STORE BELOW 100F,38C.

===== Exposure Controls/Personal Protection =====

Ventilation:LOCAL EXHAUST  
Supplemental Safety and Health  
ADDTNL INGRED:10017650H ORGANIC HALIDE 0.04%. FL PT IS FOR FLUX.  
MELTING PT:361F,183C. DIMENSIONS:0.063 INCHES DIAMETER; 1 LB.  
SPOOL. FED SPEC:QQ-S-571E.

===== Physical/Chemical Properties =====

HCC:N1  
Appearance and Odor:ALLOY:DULL SILVER. FLUX:AMBER. W

IRE W/ROSIN CORE.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS

Hazardous Decomposition Products: MAY EVOLVE ACIDS, HALOGENS, AMINES.

===== Disposal Considerations =====

Waste Disposal Methods: IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

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