



## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health  
Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY <i>(As Used on Label and List)</i> Brazeing Pin	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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### Section I

Manufacturer's Name BAC Corrosion Control Ltd	Emergency Telephone Number +441952 290321
Address <i>(Number, Street, City, State, and ZIP Code)</i>	Telephone Number for Information +441952 290321
Stafford park 11, Telford, Shropshire	Date Prepared 1 <sup>st</sup> January 2010
TF3 3AY United Kingdom	Signature of Preparer <i>(optional)</i>

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
Ag	CAS	7440-22-4	20-60	
KCl	CAS	7447-40-7	0-5	
Cu	CAS	7440-50-8	20-50	
Na2 B4 O7	CAS	1303-96-4	0-5	
Sn	CAS	7440-31-5	0-5	
BF 4K	CAS	14075-53-7	0-5	

### Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	1200 F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water N/A			
Appearance and Odor METAL PIN, NO ODOR			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A F	Flammable Limits N/A F	LEL	UEL
Extinguishing Media SELF EXTINGUISHED			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards ALLOW USED PIN TO COOL BEFORE DISPOSAL			

(Reproduce locally)

OSHA 174, Sept. 1985

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Excessive Humidity
Incompatibility ( <i>Materials to Avoid</i> ) N/A			
Hazardous Decomposition or Byproducts N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? SHORTNESS OF BREATH	Skin? BURNING SKIN	Ingestion? N/A
Health Hazards ( <i>Acute and Chronic</i> ) INHALATION OF SMOKE MAY CAUSE SHORTNESS OF BREATH			
ELECTTRIC ARC CAN IRRTATE EYES			
Carcinogenicity: Unknown	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure SEE ABOVE			
Medical Conditions Generally Aggravated by Exposure SEE ABOVE			
Emergency and First Aid Procedures INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN, BURN: APPLY PLENTY OF WATER			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled COLLECT AND DISPOSE, WASH HANDS
Waste Disposal Method DISPOSE IN ACCORDANCE WITH LOCAL RULES, GENERAL WASTE
Precautions to Be taken in Handling and Storing MUST BE STORED IN DRY PLACE
Other Precautions

**Section VIII - Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) IF SMOKE LEVELS EXCEED RECOMMENDED LEVELS, USE NIOSH OR MSHA RESPIRATORS		
Ventilation	Local Exhaust	Special
	Mechanical ( <i>General</i> )	Other
Protective Gloves WEAR GLOVES		Eye Protection SAFETY GLASSES WITH FULL UV-PROTECTION
Other Protective Clothing or Equipment USE IN WELL VENTILATED SPACES OR USE A SIMPLE FAN WHEN PINBRAZING		
Work/Hygienic Practices		