

**Cookson Electronics**

A Division of Cookson Group plc

Page 1 of 4
Revised 1/22/04
Replaces 6/16/00
Printed 12/18/06
MSDS ID: FC 00108379

MATERIAL SAFETY DATA SHEET

**Cookson Electronics
Assembly Materials**4100 Sixth Avenue
Altoona, PA 16602(814) 946-1611
(814) 944-8094 fax

www.cooksonelectronics.com

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WATER FLOW 2000 2OZ.PASTE FLUX
MANUFACTURER'S NAME: ALPHA METALS, INC
ADDRESS: 600 ROUTE 440
JERSEY CITY, NJ 07304
TRANSPORT EMERGENCY #: CHEMTREC: 1-800-424-9300
BUSINESS PHONE: 1-201-434-6778

2. INGREDIENT AND EXPOSURE LIMIT INFORMATION

CHEMICAL NAME	CAS #	% W/W	OSHA PEL - TWA
NO OSHA HAZARDOUS COMPONENTS			
**sensitizer			

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: NO EYE HAZARD.

HMIS RATING SYSTEM:
Health: ; Flammability: ; Reactivity: 0 ; Protection: B

NFPA RATING SYSTEM:

IMMEDIATE (ACUTE) SYMPTOMS OVER-EXPOSURE BY ROUTE OF EXPOSURE:
INHALATION: NO HAZARD IN NORMAL INDUSTRIAL USE.
EYES: NO HAZARD IN NORMAL INDUSTRIAL USE.
SKIN CONTACT: NO HAZARD IN NORMAL INDUSTRIAL USE.
SKIN ABSORPTION: NO ABSORPTION HAZARD IN NORMAL INDUSTRIAL USE.
INGESTION: NO HAZARD IN NORMAL INDUSTRIAL USE.

LONG TERM (CHRONIC) HEALTH EFFECTS:
CARCINOGENICITY: NONE OF THE SUBSTANCES HAVE BEEN SHOWN TO CAUSE CANCER IN
LONG TERM ANIMAL STUDIES. NOT A CARCINOGEN ACCORDING TO NTP,
IARC, OR OSHA.

REPRODUCTION: NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS
PRESENT AT GREATER THAN 0.1% MAY CAUSE BIRTH DEFECTS. WOMEN
OF CHILD BEARING AGE SHOULD AVOID EXPOSURE TO LEAD AND ITS
INORGANIC COMPOUNDS DUE TO POST-NATAL EFFECTS.



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4. FIRST AID MEASURES

SKIN EXPOSURE: WASH WITH SOAP AND WATER.
EYE EXPOSURE: NONE EXPECTED TO BE NEEDED, HOWEVER, USE AN EYE WASH TO REMOVE A CHEMICAL FROM YOUR EYE REGARDLESS OF THE LEVEL OF HAZARD.
INHALATION: THIS MATERIAL DOES NOT PRESENT A HAZARD IF INHALED. REMOVE INDIVIDUAL TO FRESH AIR AFTER AN AIRBORNE EXPOSURE IF ANY SYMPTOMS DEVELOP, AS A PRECAUTIONARY MEASURE.
INGESTION: NO HAZARD IN NORMAL INDUSTRIAL USE. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP. PROVIDE MEDICAL CARE PROVIDER WITH THIS MSDS.

5. FIRE FIGHTING MEASURES

FLASH POINT: N/A deg. C
AUTOIGNITION TEMPERATURE: N/E deg. C
EXPLOSIVE LIMITS % IN AIR: N/E /
FIRE FIGHTING METHODS: WILL NOT BURN, NO SPECIAL INSTRUCTIONS AVAILABLE. USE METHODS APPROPRIATE FOR SURROUNDING MATERIALS.

6. ACCIDENTAL RELEASE MEASURES

METHODS FOR CLEAN-UP: NO SPECIAL SPILL CLEAN-UP CONSIDERATIONS. COLLECT AND DISCARD IN REGULAR TRASH.

7. HANDLING AND STORAGE

HANDLING MEASURES: NO SPECIAL HANDLING INSTRUCTIONS DUE TO TOXICITY.
STORAGE MEASURES: NO SPECIAL REQUIREMENTS

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING MEASURES: NO ENGINEERING CONTROLS ARE LIKELY TO BE REQUIRED TO MAINTAIN OPERATOR COMFORT UNDER NORMAL CONDITIONS OF USE.
RESPIRATORY PROTECTION: NO RESPIRATORY PROTECTION REQUIRED UNDER NORMAL CONDITIONS OF USE.
EYE PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL INDUSTRIAL USE.
SKIN PROTECTION: NOT NORMALLY CONSIDERED A SKIN HAZARD. WHERE USE CAN



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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (Cont.)

RESULT IN SKIN CONTACT, PRACTICE GOOD PERSONAL HYGIENE. WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING, AND WHEN LEAVING WORK.

CONTROL PARAMETERS:	-----ACGIH EXPOSURE LIMITS-----		
CHEMICAL NAME	TLV-TWA	STEL	CEILING
NO OSHA HAZARDOUS COMPONENTS			

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR:	NONE
pH:	N/A
SPECIFIC GRAVITY:	1.0000
VAPOR PRESSURE, mm Hg at 20C:	
MELTING POINT or RANGE (C):	
BOILING POINT (C):	

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL INFORMATION

COMPONENT TOXICOLOGY DATA (NIOSH)	
CHEMICAL NAME	LD50/LC50

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS



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14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

TSCA STATUS: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY
OF EXISTING CHEMICAL SUBSTANCES.

REGULATED CHEMICALS:

CHEMICAL NAME
NO SARA 313 CHEMICAL

REGULATION

CERCLA REGULATED CHEMICALS AND REPORTABLE QUANTITY (RQ):

16. OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Additionally, Alpha Metals, Inc. assumes no responsibility for injury to the vendee or third persons proximately caused by the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.