

Material Safety Data Sheet

Welding Torch
Gas Diffuser/Tip/Nozzle Assembly

Identity (Trade Name As Used On Label)

Bernard Welding
 Manufacturer
 449 W. Corning Road, PO Box 667
 Address
 Beecher, IL 60401
 708-946-2281
 Phone Number (For Information)
 708-946-2281
 Emergency Phone Number Telex*

MSDS Number*
 CAS Number*
 February 26, 2004
 Date Prepared
 Prepared By*
 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.

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS — Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
-- This product is not classified as hazardous --				
Bernard Welding considers these products to be "articles" as sold under OSHA Hazard Communication Standard, 29 CFR1910. "Articles" are defined essentially as manufactured items which are formed into a special shape or design for a particular end-use function. This product may contain components with the following compounds:				
Copper				
Lead				
Paper				
Phenol				
Zinc				
Non-Hazardous Ingredients				
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg and Temperature)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ = .1)	N/A
Solubility in Water	N/A	Water Reactive	N/A

Appearance and Odor Gold or yellow color - No odor.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	N/A	Auto-Ignition Temperature	N/A	Flammability Limits in Air % by Volume	N/A	LEL	UEL
Extinguisher Media	Water, foam & CO ²						
Special Fire Fighting Procedures	N/A						

Unusual Fire and Explosion Hazards Remanufacture or product altering may release dust particles which, when in the presence of a source of ignition, will burn.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY

- Stable
 Unstable

Conditions
To Avoid

Incompatibility (Materials to Avoid) Contact with acids and alkali hydroxides may liberate hydrogen.

Hazardous Decomposition Products Cu_2O , CO, CO_2 , Smoke

HAZARDOUS POLYMERIZATION

- May Occur
 Will Not Occur

Conditions
To Avoid

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY

- Inhalation
 Skin Absorption
 Not Hazardous

CARCINOGEN LISTED IN

- NTP
 IARC Monograph
 OSHA
 Not Listed

HEALTH HAZARDS

Acute
N/A
Chronic
N/A

Signs and Symptoms of Exposure
N/A

Medical Conditions Generally Aggravated by Exposure
N/A

EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact
Flush with large amounts of clean water.

Skin Contact
Wash with soap and water.

Inhalation
Move to fresh air.

Ingestion
Give large amounts of water and induce vomiting.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type) During weld process, comply with NIOSH Ventilation Recommendation #88-110.

Protective Gloves Yes, during operation. Eye Protection Yes, during operation.

VENTILATION TO BE USED

- Local Exhaust Preferable
 Mechanical (general) Acceptable
 Special N/A
 Other (specify) N/A

Other Protective Clothing and Equipment Yes, During operation.

Hygienic Work Practices Wash affected areas prior to eating, drinking or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material Is Spilled Or Released
N/A

Waste Disposal Methods Normal as regulated by law.

Precautions to be Taken in Handling and Storage
None

Other Precautions and/or Special Hazards

Though the product is not hazardous, the process it is used in maybe; read and understand AWS Publication: American National Standard Z49.1.

NFPA Rating* Health ___ Flammability ___ Reactivity ___ Special ___ HMIS Rating* Health ___ Flammability ___ Reactivity ___ Personal Protection ___