

# Material Safety Data Sheet

Welding Torch (Welding Gun/Cable)

**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\*

Identity (Trade Name As Used On Label)

MSDS Number\*

CAS Number\*

June 18, 2001

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:				
Acrylonitrile-Butadiene Copolymer	Copper		Polyamid	Tin
Alumina Trihydrate	Glass		Poly Tetrafluoroethylene	
Butylene/Polypthalate	Inorganic Salts		Polyester/Styrene	
Carbon Steel	Lead		Polyhexamethylene Adipamide	
Clorinated Polymers	Methyvinyl Polysiloxane		Rubber	Zinc
Non-Hazardous Ingredients				
TOTAL		100		

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> 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      Black - 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							
Special Fire Fighting Procedures	CO <sub>2</sub> - Dry Chemical						

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

\*Optional

## SECTION 4 - REACTIVITY HAZARD DATA

**STABILITY**

- Stable  
 Unstable

Conditions  
To Avoid

Extreme heat causing material decomposition.

Incompatibility  
(Materials to Avoid) N/AHazardous  
Decomposition Products N/A**HAZARDOUS POLYMERIZATION**

- May Occur  
 Will Not Occur

Conditions  
To Avoid

## SECTION 5 - HEALTH HAZARD DATA

**PRIMARY ROUTES  
OF ENTRY**

- Inhalation  
 Skin Absorption  
 Ingestion  
 Not Hazardous

**CARCINOGEN  
LISTED IN**

- NTP  
 IARC Monograph  
 OSHA  
 Not Listed

**HEALTH HAZARDS**Acute  
N/AChronic  
N/ASigns and Symptoms  
of Exposure N/AMedical Conditions  
Generally Aggravated by Exposure N/A**EMERGENCY FIRST AID PROCEDURES** - Seek medical assistance for further treatment, observation and support if necessary.Eye Contact  
N/ASkin Contact  
N/AInhalation  
N/AIngestion  
N/A

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection  
(Specify Type) During weld process, comply with NIOSH Ventilation Recommendation #88-110.Protective Gloves  
Yes, under operation.Eye Protection  
Yes, under operation.**VENTILATION  
TO BE USED**

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

Other Protective  
Clothing and Equipment Yes, under 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/AWaste Disposal  
Methods Normal as regulated by Federal, State and local law.Precautions to be Taken  
in Handling and Storage None.

Other Precautions and/or Special Hazards  
Though the product identified is not hazardous, the process it produces may be; read and  
understand AWS Publication: American National Standard Z49.1.

NFPA  
Rating\* Health\_\_\_ Flammability\_\_\_ Reactivity\_\_\_ Special\_\_\_ HMIS  
Rating\* Health\_\_\_ Flammability\_\_\_ Reactivity\_\_\_ Personal Protection\_\_\_