

BOWMAWELD SERIES 25180 WELDING ELECTRODE, 2

MSDS Number

BLCPW

National Stock Number

3439-00N018544

Product Name

BOWMAWELD SERIES 25180 WELDING ELECTRODE, 2

Manufacturer

BOWMAN DISTRIBUTION

Product Identification

Product ID: BOWMAWELD SERIES 25180 WELDING ELECTRODE, 2

MSDS Date: 05/31/1988

FSC: 3439

NIIN: 00N018544

MSDS Number: BLCPW

Responsible Party

BOWMAN DISTRIBUTION

850 E 72ND ST

CLEVELAND , OH 44103

US

Emergency Phone: 216-391-7200

Info Phone: 216-391-7200

Cage: 05575

Contractor

BOWMAN DISTRIBUTION, BARNES GROUP INC.

CLEVELAND, OH 44103

US

(216) 391-7200

Cage: 05575

Ingredients

IRON (LIMITS AS OXIDE FUME)

CAS: 7439-89-6

RTECS: NO4565500

OSHA PEL10 MG(Fe)/M3

ACGIH TLV: 5 MG(Fe)/M3

CHROMIUM (SARA III)

CAS: 7440-47-3

RTECS: GB4200000

OSHA PEL1 MG/M3

ACGIH TLV: 0.5 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

MANGANESE (SARA III)

CAS: 7439-96-5

RTECS: OO9275000

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

SILICON

CAS: 7440-21-3

RTECS: VW0400000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

COLUMBIUM

CAS: 7440-03-1

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

POTASSIUM SILICATE

CAS: 1312-76-1

CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS: 1317-65-3

RTECS: EV9580000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9192

FLUORSPAR (CALCIUM FLUORIDE)

CAS: 14542-23-5

OSHA PEL2.5 MG(F)/M3

ACGIH TLV: 2.5 MG(F)/M3

3)

CAS: 1308-38-9

RTECS: GB6475000

OSHA PEL0.5 MG(F)/M3

ACGIH TLV: 0.5 MG(F)/M3

SODIUM SILICATE

CAS: 1344-09-8

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:WEAKNESS, QUALM

Explanation of Carcinogenicity:CHROMIUM: GROUP 1 (NTP/IARC). NICKEL:

GROUP 2 (NTP);GROUP 1 (IARC)

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL:EXPOSE TO FRESH AIR. CALL DOCTOR. EYE: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. INGEST:CALL MD IMMEDIATELY. SKIN:FLUSH COPIOUS AMOUNTS OF WATER, CALL MD .

Fire Fighting

Extinguishing Media:NOT APPLICABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE .

Fire Fighting Procedures:NOT APPLICABLE. WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NOT APPLICABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE .

Accidental Release

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Other Precautions:ELECTRIC ARC AND WELDING SPATTERS CAN INFLAME INFLAMMABLE MATERIALS.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED PROTECTIVE MASK OR FRESH AIR MASK IN NARROW ROOMS OR WHEN EXCEEDING TLV VALUES.

Ventilation:LOCAL EXHAUST IN ALL NARROW ROOMS. SPECIAL, IN CLOSED CONTAINERS. MECHANICAL, WHEN EXCEEDING TLV VALUES.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:PROTECTIVE WELDING GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING, E.G. LEATHER APRON,

WELDER HELMENT.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health

Chemical Properties

HCC:N1
Appearance and Odor:NOT APPLICABLE (MATERIAL IS SOLID)

Stability

Stability Indicator/Materials to Avoid:YES
NONE.
Stability Condition to Avoid:NONE.
Hazardous Decomposition Products:UNKNOWN.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL AUTHORITIES .

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