

ALLOY RODS CORPORATION -- ATOM ARC 7018 0.156 10 LB CAN -- 3439-01-008-6200

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===== Product Identification =====

Product ID:ATOM ARC 7018 0.156 10 LB CAN
MSDS Date:06/06/1986
FSC:3439
NIIN:01-008-6200
MSDS Number: BGCYS
==== Responsible Party ====
Company Name:ALLOY RODS CORPORATION
Address:WILSON AVENUE
Box:517
City:HANOVER
State:PA
ZIP:17331
Info Phone Num:717-637-8911
Emergency Phone Num:717-637-89
11
CAGE:84021

==== Contractor Identification ====
Company Name:ESAB GROUP INC
Address:801 WILSON AVENUE
Box:517
City:HANOVER
State:PA
ZIP:17331
Country:US
Phone:717-637-8911 OR 800-933-7070
CAGE:84021

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===== Composition/Information on Ingredients =====

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Other REC Limits:5MG/M3
OSHA PEL:10MG/M3
ACGIH TLV:5MG/M3

Ingred Name:SILICON
CAS:7440-21-3
RTECS #:VW0400000
Other REC Limits:10MG/M3
OSHA PEL:10 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TD

UST; 9192

Ingred Name:SODIUM SILICATE
CAS:6834-92-0
RTECS #:VV9275000
OSHA PEL:5MG/M3 (RESP. DUST)
ACGIH TLV:0.1MG/M3(Resp.DUST)

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)
CAS:1317-65-3
RTECS #:EV9580000
Other REC Limits:10MG/M3
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Other REC Limits:10MG/M3
OSHA PEL:10 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:MANGANESE (SARA III)
CAS:7439-96-5
RTECS #:OO92750
00
Other REC Limits:5MG/M3 (C)
OSHA PEL:5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9192

Ingred Name:POTASSIUM SILICATE
CAS:1312-76-1
OSHA PEL:5MG/M3 (RESP.DUST)
ACGIH TLV:0.1MG/M3(Resp.DUST)

Ingred Name:CALCIUM FLUORIDE
CAS:7789-75-5
RTECS #:EW1760000
Other REC Limits:2.5MG/M3
OSHA PEL:2.5 MG/M3 (F)
ACGIH TLV:2.5 MG/M3 (F); 8990

Ingred Name:POTASSIUM FELDSPAR
CAS:7789-75-5
Other REC Limits:10MG/M3(NUISANCE)
OSHA PEL:NOT LISTED
ACGIH TLV:NOT LISTED

Ingred Name:ZIRCON (ZIRCONIUM IV,SILICATE)
CAS:1494

0-68-2
RTECS #:ZH9000000
Other REC Limits:5MG/M3
OSHA PEL:5 MG/M3/10 STEL (ZR)
ACGIH TLV:5 MG/M3/10 STEL (ZR)

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Health Hazards Acute and Chronic:ACUTE:METALLIC TASTE,NAUSEA,TIGHTNESS
OF CHEST,FEVER,DIZZINESS,DRYNESS,IRRITATION OF EYES,NOSE,THROAT.
CHRONIC: EXCESSIVE LEVELS MAY CAUSE BRONCHIAL ASTHMA,LUNG
FIBROSIS,SIDEROSIS. ARC RAYS CAN INJURY EYES & BURN SKIN.
ELECTRIC
SHOCK CAN KILL.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:AGGRAVATION OF EXISTING RESPIRATORY
OR ALLERGIC CONDITIONS. HIGHER LEVEL OF LUNG RELATED PROBLEMS AMONG
SMOKERS.

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===== First Aid Measures =====

First Aid:REMOVE FROM EXPOSURE & OBTAIN PROMPT MEDICAL ATTENTION. IF
NOT BREATHING,GIVE CPR. IF UNCONSCIOUS,GIVE OXYGEN. EMPLOY FIRE AID
TECHNIQUES RECOMMENDED BY AMERICAN RED CROSS.

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===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE.
Unusual Fire/Explosion Hazard:WELDING ARCS & SPARKS CAN IGNITE
COMBUSTIBLE PRODUCTS.

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===== Accidental Release Measures =====

Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE &
PLACE IN APPROPRIATE DISPOSAL CONTAINER.

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===== Handling and Storage =====

Other Precautions:TR

AIN WELDER TO KEEP HIS HEAD OUT OF THE FUMES.

MONITOR AIR TO ENSURE ACCEPTABLE EXPOSURES. AVOID ELECTRICAL SHOCK BY MAINTAINING DRY WORK AREA.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR IN CONFINED SPACES OR WHERE VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:LOCAL EXHAUST

Protective Gloves:WELDER'S GLOVES

Eye Protection:HELMET OR FACE SHIELD WITH FILTER LENS

Other Protective

Equipment:SUBSTANTIAL DARK CLOTH,ARM PROTECTOR,APRON, HAT,SHOULDER PROTECTION.

Work Hygienic Practices:WASH AFTER HANDLING.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:N1

Appearance and Odor:WELDING ROD 0.156 INCHES DIAMETER BY 14 INCHES LONG.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:FUMES OF METALS & METAL OXIDES,CO,CO

2,NO2, O3,FLUORIDES

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IAW FEDERAL,STATE & LOCAL REGULATIONS.

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