

X-ERGON DIV OF NCH CORP -- 6011 ELECTRODE -- 3439-00-262-2654

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

Product ID:6011 ELECTRODE

MSDS Date:09/01/1989

FSC:3439

NIIN:00-262-2654

MSDS Number: BMGPG

=== Responsible Party ===

Company Name:X-ERGON DIV OF NCH CORP

Address:1400 E NORTHGATE DRIVE

Box:152102

City:IRVING

State:TX

ZIP:75015-2102

Country:US

Info Phone Num:214-438-1381

Emergency Phone Num:214-438-138

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Preparer's Name:J. MICHAEL COLE

CAGE:55649

=== Contractor Identification ===

Company Name:X-ERGON A PARTSMASTERS CO DIV NCH CORP

Box:152170

City:IRVING

State:TX

ZIP:75015

Country:US

Phone:972-438-1381

CAGE:55649

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

Ingred Name:IRON

CAS:7439-89-6

RTECS #:NO4565500

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:10 MG/M3 AS FE2O3

Ingred Name:MANGANESE (SARA III)

CAS:7439-96-5

RTECS #:OO9275000

Other REC Limits:NONE

SPECIFIED
OSHA PEL:(C) 5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:CELLULOSE (PAPER FIBER)
CAS:9004-34-6
RTECS #:FJ5691460
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9192

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:POTASSIUM ALUMINUM SILICATE (FELDSPAR)
CAS:68476-25-5
Other REC Limits:NONE SPECIFIED
ACGIH TLV:2 MG/M3

Ingred Name:POTASS
IUM TITANATE
CAS:12030-97-6
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EXPOSURE TO FUMES MAY CAUSE
DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION OF NOSE, THROAT, OR
EYES. CHRONIC: MAY LEAD TO SIDEROSIS (IRON DEPOSITS IN THE LUNG)
AND IS BELIEVED BY SOME INVESTIGATOR S TO AFFECT PUL
MONARY
FUNCTION. ARC RAYS CAN INJURE EYES AND BURN SKIN. ELECTRIC SHOCK
CAN KILL.
Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT
ARE LISTED BY NTP, IARC, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:DIZZINESS, NAUSEA, DRYNESS OR IRRITATION OF THE
NOSE, THROAT, OR EYES.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR AND S

SEEK MEDICAL AID.

ADMINISTER RESPIRATION. IF NO DETECTABLE PULSE, BEGIN EXTERNAL HEART MASSAGE. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. IN CASE OF ELECTRICAL SHOCK TURN OFF POWER PRIOR TO REMOVAL FROM AREA AND ADMINISTER AID.

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

Autoignition Temp: Autoignition Temp Text: UNKNOWN

Extinguishing Media: NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-Piece SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard: WELDING ARC AND SPARK CAN IGNITE COMBUSTIBLES. DO NOT USE WATER ON MOLTEN METAL BECAUSE HAZARDOUS METAL FUMES/DUST MAY BE PRODUCED.

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

Handling and S

torage Precautions: KEEP DRY.

Other Precautions: SPARKS, SPATTER, AND ARC CAN IGNITE FLAMMABLE PRODUCTS.

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

Respiratory Protection: WELD FUME RESPIRATOR FOR CONFINED SPACE OR WHEN EXCEEDING TLV.

Ventilation: USE VENTILATION AND/OR LOCAL EXHAUST AT THE ARC TO KEEP THE FUMES/GASES BELOW THE TLV'S IN THE WORKERS BREATHING ZONE.

Protective Gloves: WELDER'S PROTECTIVE GLOVES

Eye Protection: PROTECTIVE WELDING LENS

Other Protecti

ve Equipment: PROTECTIVE CLOTHING SUCH AS LEATHER APRONS, ETC.

Work Hygienic Practices: WASH AFTER HANDLING.

Supplemental Safety and Health

WELDER SHOULD KEEP HIS OR HER HEAD OUT OF THE FUMES.

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

HCC: N1

Appearance and Odor: SOLID ROD

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

Stability Indicator/Materials to Avoid: YES
NONE.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decompo

sition Products:FUMES OF METALS AND METAL OXIDES,
CARBON MONOXIDE, CARBON DIOXIDE, OZONE, NITROGEN OXIDES, FLUORIDES,
AND COMPLEX OXIDES

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

Waste Disposal Methods:DISCARD ANY PRODUCT (INCLUDING ANY RETAINED
MATERIALS OF USE), DISPOSABLE CONTAINER OR LINER IN AN
ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL,
STATE AND FEDERAL REGULATIONS.

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