

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:214-438-1381

Preparer's Name:J. MICHAEL COLE

CAGE:55649

=== Contractor Iden

tification ===

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:POTASSIUM TITANATE
CAS:12030-97-6
Other REC Limits:NONE SPECIFIED

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===== 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 PULMONARY
FUNCTION. ARC RAYS CAN INJURE EYES AND BURN SKIN. ELE
CTRIC 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 SEEK MEDICAL AID.
ADMINISTER RESPIRATION. IF NO DETECTABLE PU

LSE, 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:UNKNON

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fight

ing 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 Storage 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 Protective 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 Decomposition Products:FUMES OF METALS AND METAL OXIDES, CARBON MON

OXIDE, 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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