

X-ERGON,A PARTSMATER CO,DIV OF NCH -- XERGON 1000HPM 1/8 CODE 0034000M --  
3439-01-228-0115

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

Product ID:XERGON 1000HPM 1/8 CODE 0034000M

MSDS Date:11/11/1987

FSC:3439

NIIN:01-228-0115

MSDS Number: BGQYG

=== Responsible Party ===

Company Name:X-ERGON,A PARTSMATER CO,DIV OF NCH

Address:1400 E NORTHGATE DR

Box:152102

City:IRVING

State:TX

ZIP:75015-2102

Info Phone N

um:214-438-1381

Emergency Phone Num:214-438-1381

Preparer's Name:J. MICHAEL COLE

CAGE:EO081

=== 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

Company Name:X-ERGON,A PARTSMATER CO.,DIV OF NCH

Box:152170

CAGE:EO081

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

Ingred Name:CALCIUM FLUORIDE

CAS:7789-75-5

RTECS #:EW1760000

OSHA PEL:2.5 MG/M3 (F)

ACGIH TLV:2.

5 MG/M3 (F); 8990

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS:1317-65-3

RTECS #:EV9580000

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:IRON

CAS:7439-89-6

RTECS #:NO4565500

OSHA PEL:10MG/M3

ACGIH TLV:5MG/M3

Ingred Name:MOLYBDENUM

CAS:7439-98-7

RTECS #:QA4680000

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3; 9293

Ingred Name:SODIUM SILICATE

CAS:683

4-92-0

RTECS #:VV9275000

OSHA PEL:20MG/M3(AMORPHS SI)

ACGIH TLV:10MG/M3(AMORPHS SI)

Ingred Name:CHROMIUM (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:MANGANESE (SARA III)

CAS:7439-96-5

RTECS #:OO9275000

OSHA PEL:(C) 5 MG/M3 DUST

ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:KAOLIN

CAS:1332-58-7

RTECS #:GF1670500

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE:FUMES & GASES CAN BE DANGEROUS  
TO YOUR HEALTH. SHORT TERM OVEREXPOSURE TO WELDING FUMES MAY RESULT  
IN DISCOMFORT SUCH AS DIZZINESS,NAUSEA OR DRYNESS OR IRRITATION OF  
EYES,NOSE & THROAT. CHRONIC: SIDER  
OSIS(IRON IN LUNGS),MAY AFFECT  
PULMONARY FUNCTION. ARC RAYS CAN INJURE EYES & BURN SKIN. ELECTRICK  
SHOCK CAN KILL.

Explanation of Carcinogenicity:CHROMIUM VI IS A HUMAN CARCINOGEN.

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:EYES:FLUSH WITH WATER FOR AT  
LEAST 15 MINUTES;SKIN:REMOVE  
CONTAMINATED CLOTHING.WASH WITH SOAP & WATER;INHALATION:REMOVE FROM  
EXPOSURE & OBTAIN PROMPT MEDICAL ATTENTION.IF NOT BREATHING GIVE  
CPR.IF UN CONSCIOUS,GIVE OXYGEN.EMPLOY FIRST AID TECHNIQUES  
RECOMMENDED BY AMERICAN RED CROSS;INGESTION:DO NOT INDUCE VOMIT.SEE  
DOCTOR.

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

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.(DO NOT  
USE WTR TO EXTING MOLTEN METAL.USE W  
TR TO KEEP METAL COOL IN FIRE)

Fire Fighting Procedures:SEE AMERICAN NATIONAL STD Z49.1,SAFETY IN  
WELDING & CUTTING,PUBLISHED BY THE AMERICAN WELDING SOCIETY & OSHA  
PUBLICATION 2206 (29CFR192.1910)

Unusual Fire/Explosion Hazard:WELDING ARKS & 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: TRAIN WELDER TO KEEP HIS HEAD OUT OF THE FUMES.  
MONITOR AIR TO ENSURE ACCEPTABLE EXPOSURES. AVOID ELECTRICAL SHOCK  
BY MAINTAINING DRY WORK AREA.

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

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

Ventilation: LOCAL EXHAUST

Protective Gloves: WELDER GLOVES

Ey

e Protection: HELMET OR FACE SHIELD WITH FILTER LENS.

Other Protective Equipment: WELDER'S PROTECTIVE CLOTHING

Work Hygienic Practices: WASH HANDS THOROUGHLY AFTER HANDLING. REMOVE &  
LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

THE FUME LIMIT FOR CR VI (0.05MG/M3 WILL BE REACHED BEFORE THE GENERAL  
LIMIT OF 5MG/M3 FOR FUMES IS REACHED. MONITOR FUMES FOR CR VI LEVEL.

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

HCC: N1

Appearance and Odor: WELDING ROD. 1  
/8 INCH DIAMETER BY 14 INCHES LONG.

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

Stability Indicator/Materials to Avoid: YES

Hazardous Decomposition Products: FUMES OF METALS & METAL  
OXIDES, CO, CO\*2, NITROGEN OXIDES, OZONE, FLUORIDES.

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

Waste Disposal Methods: DISPOSE OF FUMES, FLUX OR WELD GRINDING RESIDUE  
FROM THE WORK AREA OR FROM FILTERS IAW ALL APPLICABLE FEDERAL, STATE  
& LOCAL REGULATIONS.

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