

X-ERGON,A PARTSMaster 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 PARTSMaster CO,DIV OF NCH

Address:1400 E NORTHGATE DR

Box:152102

City:IRVING

State:TX

ZIP:75015-2102

Info Phone Nu

m: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 PARTSMaster 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:6834
-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
R

TECS #: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

===== 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: SIDERO
SIS(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.

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

First Aid:EYES:FLUSH WITH WATER FOR AT L
EAST 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.

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

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.(DO NOT
USE WTR TO EXTING MOLTEN METAL.USE WT
R 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.

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

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

=====

=== 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

Eye

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.

Disc

laimers (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.