

ATRAX/NEWCARB CORP(MFR)-SHAMROCK SUPPLY CO(DISTR) -- ALL CARBIDE GRADES --
3230-00-935-7950

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Product Identification
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Product ID:ALL CARBIDE GRADES

MSDS Date:01/01/1987

FSC:3230

NIIN:00-935-7950

MSDS Number: BFXYT

==== Responsible Party ====

Company Name:ATRAX/NEWCARB CORP(MFR)-SHAMROCK SUPPLY CO(DISTR)

Emergency Phone Num:(205)339-8200

CAGE:66770

==== Contractor Identification ====

Company

Name:ATRAX/NEWCARB CORP(MFR)-SHAMROCK SUPPLY CO(DISTR)

CAGE:66770

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Composition/Information on Ingredients
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Ingred Name:TUNGSTEN CARBIDE

CAS:12070-12-1

RTECS #:YO7250000

OSHA PEL:5 MG/M3/10 STEL (W)

ACGIH TLV:5 MG/M3/10 STEL (W)

Ingred Name:COBALT (SARA III)

CAS:7440-48-4

RTECS #:GF8750000

OSHA PEL:0.1 MG/M3;AS CO

ACGIH TLV:0.05 MG/M3;DUST 9293

Ingred Name:TANTALUM CARBIDE,CAS#12070-06-3,0.0-50%

ACGIH TLV:5MG/CUM(DUST)

Ingred Name:CHROMIUM CARBIDE,0.0-1.0% *ANIMA

L CARCINOGEN AS DEFINED BY

MAK*

ACGIH TLV:0.5MG/CUM(DUST)

Ingred Name:CHROMIUM ION (CR 3+)

CAS:16065-83-1

RTECS #:GB6261000

OSHA PEL:0.5 MG/M3 (CR)

ACGIH TLV:0.5 MG/M3 (CR); 8990

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Hazards Identification
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Effects of

Overexposure:EYE:IRR;SKIN:IRR,RASH;INH:IRR.NOSE/THROAT,COUGH,WHEEZI
NG,SHORT OF BREATH,TIGHT CHEST-SEE SUPPL.DATA-

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First Aid Measures
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First Aid:SKIN:WASH W.SOAP & H*2O EYES:F

LUSH W. H*2O. INGESTED:GIVE 2

GLASSES H*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHING BY MOUTH.

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Fire Fighting Measures
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Extinguishing Media:DRY SAND,DRY DOLOMITE,ABC EXTINGUISHER,FLOOD W.WATER

Fire Fighting Procedures:SM FIRE:RESP.APPVD FOR TOX.DUSTS/FUMES;LG FIRE:SCBA

Unusual Fire/Explosion Hazard:DUST MAY PRESENT FIRE HAZ UNDER RARE

FAVORING CONDITIONS-THIS IS NOT EXPECTED UNDER NORMAL HANDLING.

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Accidental Release Measures
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Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP USING METHODS WHICH AVOID DUST GENERATION (W.APPROPRIATE FILTER),WET DUST MOP OR WET CLEAN-UP-IF DUST IS GENERATED,USE AN APPROPRIATE NIOSH APPVD RESP.

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Handling and Storage
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Handling and Storage Precautions:WASH HANDS THOROUGHLY AFTER

HANDLING,BEFORE EATING OR SMOKING.WASH EXPOSED SKIN AT THE END OF WORK SHIFT.

Other Precautions:DO NOT SHAKE CLOTHING TO REMOVE DUST.DUST SHOULD BE REMOVED BY WASHING OR VACUUMING (W.APPROP.FILTERS)--PERIODICAL MED.EXAMS ARE RECOMMENDED--

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH APPVD RESP.IF TLV IS EXCEEDED.

Ventilation:LOCAL EXHAUST PREFERRED,MECHANICAL EXHAUST ACCEPTABLE.

Protective Gloves:PROTECTIVE GLOVES

Eye Protection:GOGGLES

Supplemental Safety and Health

MSDS DATED 11-05-85/CHEM.NAME:CEMENTED CARBIDE PRODUCT WITH COBALT BINDER/OVER-EXPOSURE,CONTD:WEIGHT LOSS;ING:BLOOD,HEART,OTHER ORGAN PROBLEMS/

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Physical/Chemical Properties
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HCC:N1

Spec Gravity:13.25

Solubility in Water:INSOL

Appearance and Odor:DARK GRAY METAL,NO ODOR

Percent Volatiles by Volume:0

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Stability and Reactivity Data
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Stability Indicator/Mat

erials to Avoid: YES
STRONG ACIDS, STRONG OXIDIZERS.
Hazardous Decomposition Products: NONE

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

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

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