

TECHNIC, INC. -- SILVER CYANIDE -- 6810-00-241-8426

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

Product ID:SILVER CYANIDE  
MSDS Date:07/30/1990  
FSC:6810  
NIIN:00-241-8426  
MSDS Number: BHKDS  
=== Responsible Party ===  
Company Name:TECHNIC, INC.  
Address:1 SPECTACLE STREET  
City:CRANSTON  
State:RI  
ZIP:02910  
Country:US  
Info Phone Num:401-781-6100  
Emergency Phone Num:401-781-6100  
Preparer's Name:WILLIAM A. WILSON  
C  
AGE:FO426  
=== Contractor Identification ===  
Company Name:METECH INC  
Address:RT 401 BOX 360  
Box:City:ELVERSON  
State:PA  
ZIP:19520-9209  
Country:US  
CAGE:1Y728  
Company Name:TECHNIC INC  
Address:1 SPECTABLE STREET  
Box:City:CRANSTON  
State:RI  
ZIP:02910  
Country:US  
Phone:401-781-6100  
CAGE:20816  
Company Name:TECHNIC, INC.  
Address:1 SPECTACLE STREET  
City:CRANSTON  
State:RI  
ZIP:02910  
Phone:(401) 781-6100  
CAGE:FO426

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

Ingred Name:SILVER CYANID

E (SARA III)  
CAS:506-64-9  
RTECS #:VW3850000  
Fraction by Wt: 100%  
Other REC Limits:0.01 MG/M3  
OSHA PEL:0.01 MG AG/M3  
ACGIH TLV:0.01 MG AG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: IRRITANT THAT CAUSES READILY  
REVERSIBLE CHANGES WHICH DISAPPEAR AFTER END OF EXPOSURE. INGESTI  
ON  
OR INHALATION MAY CAUSE DEATH OR PERMANENT INJURY AFTER A VERY  
SHORT EXPOSURE TO SMALL QUANTITIE S. CHRONIC: IRRITANT THAT MAY  
CAUSE BOTH REVERSIBLE AND IRREVERSIBLE CHANGES/NOT DEATH OR  
PERMANENT INJURY.  
Explanation of Carcinogenicity:DATA PER MGF MSDS.  
Effects of Overexposure:INHALE: WEAKNESS, DIZZINESS, VOMITING,  
UNCONSCIOUSNESS AND DEATH. EYES: CYANIDE RASH, ITCHING, MACULAR,  
PAPULAR AND VESTICULAR ERUPTIONS. OFTEN SECONDARY INFECTIONS.  
INGEST: MAY CAUSE DEATH  
OR PERMANE NT INJURY FROM SMALL QUANTITIES.  
SKIN: SAME AS INHALATION AND EYE CONTACT.  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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

First Aid:INHALATION: TREAT FIVE TIMES AT 15 SECOND INTERVALS WITH AMYL  
NITRATE BROKEN IN CLOTH. ARTIFICIAL RESPIRATION IF NECESSARY, CALL  
PHYSICIAN. EYES: FLUSH EYES WITH WATER FOR 15 MINUTES. CALL  
PHYSICIAN. SKIN: WASH THOROUGHLY WITH SOAP AND WA  
TER. CALL  
PHYSICIAN. INGESTION: IF CONSCIOUS, GIVE EMETIC(1 TABLESPOON SALT  
TO A GLASS OF WARM WATER). REPEAT UNTIL VOMIT FLUID IS CLEAR. CALL  
PHYSICIAN.

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

Flash Point:NONE  
Extinguishing Media:NOT FLAMMABLE  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.  
Unusual Fire/Explosion

Hazard:THERMAL DECOMPOSITION COULD LEAD TO  
RELEASE OF FLAMMABLE AND POISONOUS HYDROGEN CYANIDE GAS.

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

Spill Release Procedures:ITEM IS POISON!USE PROPER PERSONAL  
PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN  
APPROVED CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL,DRY AND AWAY FROM ACIDS  
OR FOOD PRODUCTS.KEEP CON

TAINER CLOSED WHEN NOT IN USE.KEEP

TEMPERATURE 55-85F.ITEM IS POISON.USE AS DIRECTED.

Other Precautions:WASH THOROUGHLY AFTER EACH USE.DO NOT EAT,DRINK OR  
SMOKE IN WORK AREA.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST  
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.LOCAL EXHAUST  
RECOMMENEDED.

Protective Gloves:IMPERVIOUS

Eye Protection:SAF

ETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH  
FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE  
VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT  
EAT,DRINK,SMOKE.

Supplemental Safety and Health

ITEM IS POISON!DO NOT TAKE INTERNALLY;USE AS DIRECTED.

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

HCC:T3

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Solubility in Water:INSOLUBLE

Appearan

ce and Odor:WHITE SOLID, CYANIDE ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, PHOSPHOROUS TRICYANIDE FLUORINE.

Stability Condition to Avoid:DO NOT MIX WITH STRONG ACIDS.

Hazardous Decomposition Products:HYDROGEN CYANIDE

Conditions to Avoid Polymerization:DO NOT MIX WITH STRONG ACIDS,ACID  
FUMES OR STEAM.

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

Waste Disposal Methods:SEND THE CO

LLECTED MATERIAL TO THE MGF OR

CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH  
LOCAL,STATE AND FEDERAL REGULATIONS

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