MINNESOTA MINING & MFG CO. -- SCOTCHCAST 4,(KIT 82-A3),PT-B:AMINE ADDUCTS -- 5970-00-810-1513

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

Product ID:SCOTCHCAST 4,(KIT 82-A3),PT-B:AMINE ADDUCTS
MSDS Date:02/24/1986
FSC:5970
NIIN:00-810-1513
Kit Part:Y
MSDS Number: BGVQZ
=== Responsible Party ===
Company Name:MINNESOTA MINING & MFG CO.
Address:3M CENTER
City:ST. PAUL
State:MN
ZIP:55144-1000
Emergency Phone
Num:612-733-5659
CAGE:76381
=== Contractor Identification ===
Company Name:3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV
Address:3M CTR
Box:City:SAINT PAUL
State:MN
ZIP:55144-1000
Country:US
Phone:800-364-3577/651-737-6501(24 HOURS)
CAGE:04963
Company Name:MINNESOTA MINING AND MFG CO, DBA 3M
Address:3M CENTER BLDG 224-5S-04
Box:City:SAINT PAUL
State:MN
ZIP:55144-1000
Country:US
Phone:866-556 5712 / 612-733-1110
CAGE:76381

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

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Ingred Name:NONYL PHENOL
CAS:25154-52-3
RTECS #:SM5600000
Fraction by Wt: 35-45%

Ingred Name:2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL
CAS:90-72-2
RTECS #:SN3500000
Fraction by Wt: 1-5%

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 0.1-1%
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO   IARC:NO OSHA:NO
Health
 Hazards Acute and Chronic:IRRITATING TO EYES OR SKIN ON CONTACT;
   VAPORS MAY BE IRRITATING TO RESPIRATORY SYSTEM. THIS PART-B IS
   SLIGHTLY TOXIC IF INGESTION.
Explanation of Carcinogenicity:THERE IS SUFFICIENT EVIDENCE THAT
   BENZENE EXTRACT OF CARBON BLACKS IS CARCINOGENIC TO EXPERIMENTAL
   ANIMALS.
Effects of Overexposure:SEE HEALTH HAZARDS.

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

First Aid:EYE:FLUSH WITH LARGE AMOUNTS OF WATER & CONTINUE FOR AT LEAST
   10 MINUTES; SKIN:WASH AFFECTED AREA THOROUGHLY WITH SOAP & WATER;
   INH:REMOVE TO FRESH AIR.IF COUGHING,WHEEZING OR SHORTNESS OF BREATH
   DEVE LOPS,CALL A PHYSICIAN; ING:GIVE ONE OR TWO GLASSES OF WATER &
   IMMEDIATELY INDUCE VOMITING,CALL A PHYSICIAN.

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

Flash Point Method:CC
Flash Point:>230F/110C
Extinguishing Media:CO*2,FOAM,DRY CHEMICAL.
Fire Fighting Procedures:FIREFIGHTERS SHOULD BE EQUIPPED WITH
   SELF-CONTAI

NED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE STATED.

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

Spill Release Procedures:USE ABSORBENT MATERIAL AS NEEDED & SWEEP UP.

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

Handling and Storage Precautions:DO NOT GET IN EYES,AVOID PROLONG
    BREATHING OF VAPORS. USE ONLY IN WELL VENTILATED AREA WITH
    SUFFICIENT AIR MOVEMENT.

============= Exposure Controls/Personal Protection =========
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Respiratory Protection:USUALLY NONE.
Ventilation:GENERAL,GOOD VENTILATION.
Protective Gloves:RECOMMENDED.
Eye Protection:SAFETY GLASSES.
Supplemental Safety and Health

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

HCC:N1
Spec Gravity:0.98
Solubility in Water:NIL
Appearance and Odor:BLACK LIQUID,AMINE ODOR.

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

Stability Indicator/Materials to Avoid:YES
NONE STATED.
Stability Condition to Avoid:NONE S
TATED.
Hazardous Decomposition Products:MAY INCLUDE CO,CO*2,OXIDES OF
    NITROGEN.

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

Waste Disposal Methods:DISPOSE OF BY INCINERATION OR SEND FULLY
    ABSORBED MATERIAL FOR LANDFILL IN ACCORDANCE WITH LOCAL,STATE &
    FEDERAL REGULATIONS.

 Disclaimer (provided with this information by the compiling agencies):
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 of Defense. The United States of America in