

MINNESOTA MINING AND MFG CO -- SCOTCH-SEAL EC-1252 WHITE TAMPER PROOF SEAL --  
8030-00-779-4700

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

Product ID:SCOTCH-SEAL EC-1252 WHITE TAMPER PROOF SEAL

MSDS Date:07/12/1991

FSC:8030

NIIN:00-779-4700

MSDS Number: BRKHH

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CTR

City:SAINT PAUL (FORMALLY IN DETROITT, MI)

State:MN

ZIP:55144-100

0

Country:US

Info Phone Num:612-733-1341/612-733-1110

Emergency Phone Num:612-733-1341

Preparer's Name:ELLEN SCHEIDE

CAGE:76381

=== Contractor Identification ===

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 =====

Ingred Name:HYDRATED ALUMINUM SILICATE

CAS:13132-95-1

Fraction by Wt: 20-30%

Other R

EC Limits:NONE SPECIFIED

Ingred Name:METHYL ETHYL KETONE (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 20-30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/STEL 300 PPM

ACGIH TLV:200 PPM/STEL 300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:LIMESTONE

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 20-30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

imits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:ACRYLONITRILE-BUTADIENE POLYMER  
CAS:9003-18-3  
Fraction by Wt: 3-7%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ANTIMONY TRIOXIDE (SARA III)  
CAS:1309-64-4  
RTECS #:CC5650000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.5 MG/M3 (SB)  
ACGIH TLV:0.5 MG/M3 (SB)  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PHENOL-FORMALDEHYDE POLYMER  
CAS:9003-35-4  
Fraction by Wt: 1-5%  
Other REC Limits:  
NONE SPECIFIED

Ingred Name:CHLOROALKANES  
CAS:61788-76-9  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 399.00 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE; EYE: IRRIT. INHAL: RESP SYSTEM  
IRRIT & TEMP NERVOUS SYSTEM IMPAIRMENT (LIGHT-HEADED). HEADACHE,  
DIZZINESS, WEAKNESS, FATIGUE, UNCONSCIO

USNESS. INGESTION: DIGESTIVE

SYSTEM IRRITATION, TEMPORARY NERVOUS SYSTEM IMPAIRMENT (LIGHT HEADED). NAUSEA, VOMITING. SOLVENT ASPIRATION INTO LUNGS MAY CAUSE LUNG DAMAGE/DEATH.

Explanation of Carcinogenicity:ANTIMONY TRIOXIDE FOUND TO CAUSE CANCER IN LAB ANIMALS. ANTIMONY TRIOXIDE BOUND IN PRODUCT, EXPOSURE NOT EXPECTED.

Effects of Overexposure:CHRONIC; SKIN: MAY CAUSE SKIN IRRITATION ON PROLONGED OR REPEATED CONTACT.

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===== First Aid Measures =====  
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First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 10 MINUTES. CALL A PHYSICIAN. SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION: REMOVE PERSON TO UNCONTAMINATED AIR. CALL A PHYSICIAN. IF SWALLOWED: DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER.

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===== Fire Fighting Measures =====  
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Flash Point:20.0F,-6.7C

Lower Limits:1.80

Upper Limits:11.50

Extinguishing Media:C

O2, FOAM, DRY CHEMICAL, WATER

Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO PRESSURE BUILDUP.

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===== Accidental Release Measures =====  
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Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES. VENTILATE THE AREA. OBSERVE PRECAUTIONS FROM OTHER SECTIONS. COLLECT SPILLED MATERIAL USING NON-SPARKING TOOLS. PLACE IN USE DOT APPROVED METAL CONTAINER AND SEAL.

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===== Handling and Storage =====  
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Handling and Storage Precautions:INDUSTRIAL & PROFESSIONAL USE ONLY. KEEP AWAY FROM HEAT, SPARKS, FLAME & OTHER IGNITION SOURCES. VAPORS/SPRAY RELEASED BY PRODUCT EASILY IGNITED.

Other Precautions:AVOID PROLONGED BREATHING OF VAPOR. USE ONLY WITH SUFFICIENT VENT TO MAINTAIN BELOW TLV/PEL. K

EEP CONTAINER CLOSED

WHEN NOT IN USE. AVOID CONTACT WITH EYES & SKIN. WEAR EYE & SKIN PROTECTIVE EQUIP WHEN HANDLING. KEEP OUT OF REACH OF CHILDREN.

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

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:176F,80C

Vapor Pres:80.000

Vapor Density:2.50

Spec Gravity:1.500 (WATER=1)

Viscosity:200-1000 CPS

Evaporation Rate & Reference:2.70 (ETHER  
=1)

Solubility in Water:SLIGHT

Appearance and Odor:WHITE PASTE, SOLVENT ODOR

Percent Volatiles by Volume:26.00

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CO, CO2, SB204, SB205, SMOKE PARTICLES  
WHEN SUBJECTED TO EXCESSIVE HEAT OR FLAME.

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

Waste Disposal Methods:INCINERATE BULK PRODUCT AFTER MIXING WITH  
FLAMMABLE MATERIAL  
IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL  
SHOULD BE IN ACCORDANCE WITH APPLICABLE REGULATIONS. US EPA  
HAZARDOUS WASTE NO: D001 (IGNI TABLE).

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