

MINNESOTA MINING AND MFG CO AUTOMOTIVE TRADES DIV -- 3M BRAND ACRYL-RED PUTTY,
ON:05966 -- 8030-01-198-6053

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

Product ID:3M BRAND ACRYL-RED PUTTY, ON:05966

MSDS Date:02/07/1997

FSC:8030

NIIN:01-198-6053

MSDS Number: CHXBT

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO AUTOMOTIVE TRADES DIV

Address:3M CTR

City:ST PAUL

State:MN

ZIP:55144-1000

Cou

ntry:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-737-6501/800-364-3577

CAGE:52157

=== 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

Company Name:MINNESOTA MINING AND MFG CO AUTOMOTIVE TRADES DIV

Address:3M CTR

Box:City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:612-737-4114

CAGE:52157

===== Composition/In

formation on Ingredients =====

Ingred Name:TALC (CONTAINING ASBESTOS)
CAS:14807-96-6
RTECS #:MW2700000
Fraction by Wt: 30-60%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:0.2 FIBER/CC,A1;9596

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 10-20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (CERCLA)
CAS:123-86-4
RTECS
#:AF7350000
Fraction by Wt: 7-13%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DI-SEC-OCTYL PHTHALATE (DI-2-ETHYLHEXYLPHTHALATE) (SARA
313) (CERCLA)
CAS:117-81-7
RTECS #:TI0350000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9596
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:NITROCELLULOSE
CAS:9004-70-0
RTECS #:QW0970000
Fraction by Wt: 5-10%
Other

REC Limits:NONE RECOMMENDED

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:IRON OXIDE

CAS:1332-37-2

RTECS #:NO7380000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ROSIN, MALEATED, ESTERS WITH GLYCEROL

CAS:68038-41-5

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYE:MODERATE IRRIT.SKIN:MILD IRRIT(AFT
PROL/REP CONTACT).MAY BE ABSORB THRU SKIN-PRODUCE EFFECTS SIMILAR
TO THOSE CAUSED BY INHAL &/OR INGEST.INHAL:CNS DEPRESS.IRRIT(UPPER
RESP),DUST FRM CUT/GRIND/SAN D/MACHINE MAY CAUSE IRRIT RESP
TRACT.BLOOD DISORDERS,LIV EFFECTS.INGEST:IRRIT G

|
TISSUES,CNS,ASPIRATION (SIGN/SYMPTOMS)

Explanation of Carcinogenicity:PER MSD:CONTAINS CHEM WHICH CAN CAUSE
CANC(NTP ANTICIP HUMAN CARC,IARC 2B,CA PROP 65)CAS#:117-81-7.

Effects of Overexposure:HEALTH:PNEUITIS. EYE:RED,SWELL,PAIN,TEAR,HAZY
VISION.SKIN:RED,SWELL,ITCH.INHAL:HEAD,DIZZ,DROWS,INCOORD,SLOWED RX
TIME,SLUR SPEECH,GIDDINESS,UNCONSC.SORENESS OF
NOSE/THROAT,COUGH,SNEEZING.WEAK,FTG,JAUN ,TENERNESS OF UPPER
ABD.INGEST-PAIN,VOMIT,ABD TENDER,NAU,,BLOOD IN VOMITUS/FECE

S.MUSC

WEAK,TREMORS,CONVULS,FATAL.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/LG AMTS OF WATER.GEG IMMED MED
ATTN.SKIN:FLUSH W/LG AMTS OF WATER.IRRIT PERSISTS GET MED
ATTN.INHAL:REMOVE TO FRESH AIR.NOT BREATH,GIVE ART RESP.BREATH
DIFFI GET IMMED MED ATTN.INGES T:CALL PHYSICIAN IMMED.ONLY INDUCE
VOMIT @INSTRUCTION OF PHYSICIAN.NEVER GIVE ANYTHING BY MOUTH
TO
UNCONSCIOUS PERSON.

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

Flash Point Method:SCC
Flash Point:48.0F,8.9C
Autoignition Temp:Autoignition Temp Text:ND
Lower Limits:1.27
Upper Limits:7.00
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTH INCLUDE
HELMET,SELF-CONTAIN +PRESS OR PRESS DEMAND BREATH APPAR,BUNKER
COAT/PANTS,BANDS AROUND ARMS/WAIST/LEGS,FACE MASK,PROT(SUPPLE)
Unusual Fire/Explosion Hazard:VAP MAY TRAVEL LONG DISTANCES ALONG
GROUND OR FLOOR TO IGN SOURCE & FLASH BACK.KEEP AWAY FROM
HEAT/SPARKS/FLAME.

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

Spill Release Procedures:REFERT TO OTHER MSDS SECS ON PHYS/HEALTH/RESP
PROT/VENTI/PPE.612-733-1110/612-733-6100 24HR SPILL ASIST.VENTI
AREA.EXTINGUISH ALL IGN SOURCES.COLLECT SPILL MATL.PLACE IN US DOT
APPROV CNTNR.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EYE & PROL/REP SKIN CONTACT.KEEP
CNTNR CLSD WHEN NOT IN USE.KEEP OUT OF REACH OF CHILDREN.KEEP CNTNR
TIGHTLY CLSD.FLAMM LIQ/VAP.
Other Precautions:KEEP AWAY FROM HEAT/SPARKS/OPN FLAME/OTHER SOURCES OF
IGNITION.

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

Respiratory Protection:AVOID BREATH VAP & DUST CREATED BY
CUT/SAND/GRIND.SELECT 1 OF FOLLOWING NIOSH APPROV RESP BASED

ON

AIRBORNE CONC OF CONTAMINANTS & IAW OSHA REGS:HALF-MASK DUST RESPIRATOR.

Ventilation:PROVIDE APPROP LOC EXHA FOR GRINDING,CUTTING,SANDING CURED MATL.USE IN WELL-VENTI AREA.EXHAU VENTI NOT ADEQUATE(SUPPLEM)

Protective Gloves:POLYETHYLENE/EHTYLENE,VINYL ALCOHOL(SUP)

Eye Protection:VENTED GOGG,SAFEYT GLASSES W/SIDE SHIELD

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:DONT EAT/DRINK/SMOKE WHEN USING PRODUCT.WASH EXPO AREAS THROUGHLY W/SOAP/WATE

R.DONT INGEST.

Supplemental Safety and Health

FIREFIGHT:COVERING FOR EXPO AREA OF HEAD.

GLOVES:POLYTETRAFLUOROETYENE(TEFLONA0,FLUOROELASTOMER(VITON).

VENTI:USE APPROPRIATEUSE APPROP RESPIRATORY PROTECTION.

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

HCC:F2

Boiling Pt:B.P. Text:ND

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

Decomp Temp:Decomp Text:NP

Vapor Pres:ND

Vapor Density:4.00

Spec Gravity:1.510-1.560

pH:NA

VOC Grams/Liter:3.78

Viscosity:90K-170K CPS

Evaporation Rate &

amp; Reference:ND

Solubility in Water:INSOLUBLE

Appearance and Odor:RED PASTE WITH SOLVENT ODOR

Percent Volatiles by Volume:28-30

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:CARBON MONOXIDE ADN CARBON DIOXIDE,TOXIC VAPORS,GASES OR PARTICULATES.

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

Waste Disp

osal Methods:INCINERATE IN PERMITTED HAZ WASTE INCINERATOR IN
PRESENCE OF COMBUSTIBLE MATL.DISPOSE OF THE DRIED SOLIDS IN
SANITARY LANDFILL.SINCE REGS VARY CONSULT APPLIC REGS/AUTHORITIES
BEF DISPO.EPA HAZ WASTE#: D001(IGN).

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