

STEVEN INDUSTRIES -- POLYURETHANE PROTECTIVE TAPE ADHESION PROMOTER 86A --
8040-01-450-9187

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

Product ID:POLYURETHANE PROTECTIVE TAPE ADHESION PROMOTER 86A

MSDS Date:05/18/2001

FSC:8040

NIIN:01-450-9187

Status Code:A

MSDS Number: CLFWL

=== Responsible Party ===

Company Name:STEVEN INDUSTRIES

Address:39 AVENUE C

Box:8

City:BAYONNE

State:NJ

ZIP:07002-3417

Country:US

Info Phone Num:201-437-6501

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:33150

=== 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:STEVEN INDUSTRIES

Address:39 AVENUE C

Box:8

City:BAYONNE

State:NJ

ZIP:07002-3417

Country:US

Phone:201-437-6501

CAGE:33150

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

Ingred Name:ISOPROPYL ALCOHOL
CAS:67-63-0
RTECS #:NT8050000
Minumum % Wt:40.
Maxumum % Wt:70.
OSHA PEL:980 MG/M3;400 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:PROPYL ALCOHOL
CAS:71-23-8
RTECS #:UH8125000
Minumum % Wt:15.
Maxumum % Wt:40.
OSHA PEL:500 MG/M3;200 PPM
ACGIH TLV:492 MG/M3;200 PPM
ACGIH STEL:614 MG/M3;250 PPM

Ingred Name:POLYAMIDE RESIN
CAS:68989-76-4
Code:F
Minumum % Wt:5.
Maxumum % Wt:10.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE CONTACT: CAN INCLUDE REDNESS,
SWELLING, PAIN, TEARING, AND HAZY VISION. SKIN CONTACT: CAN INCLUDE
REDNESS, SWELLING, ITCHING, AND DRYNESS. INHALATION: CAN INCLUDE
HEADACHE, DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION
TIME, SLURRED SPEECH, GIDDINESS AND UNCONSCIOUSNESS. IRRITATION OF
GASTROINTESTINAL TIS
SUES: CAN INCLUDE PAIN, VOMITING, ABDOMINAL
TENDERNESS, NAUSEA, BLOOD IN VOMITUS , AND BLOOD IN FECES.
Medical Cond Aggravated by Exposure:

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

First Aid:EYE CONTACT: FLUSH EYES WITH LARGE AMOUNTS OF WATER. GET
MEDICAL ATTENTION. FLUSH SKIN WITH LARGE AMOUNTS OF WATER. GET
MEDICAL ATTENTION. INHALATION: REMOVE PERSON TO FRESH AIR. GET
MEDICAL ATTENTIO N. IF SWALLOWED: DO NOT INDUCE VOMITING. DRINK TWO
GLASSES

OF WATER. CALL A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:=11.7C, 53.F

Autoignition Temp:=398.9C, 750.F

Lower Limits:2%

Upper Limits:12.7%

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL,
ALCOHOL-TYPE FOAM.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING
HELMET, SELF CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND
BREATHING APPARATUS, BUNKER COAT AND PANTS, BANDS AROUND ARMS,

WAIST AND LEGS, FACE MASK, AND PROT ECTIVE COVERING FOR EXPOSED
AREAS OF THE HEAD. WATER MAY NOT EXTINGUISH FIRE, HOWEVER IT SHOULD
BE USED TO COOL CONT.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPOSED TO HEAT FROM
FIRE MAY BUILD PRESSURE AND EXPLODE. VAPORS MAY TRAVEL LONG
DISTANCES ALONG THE GROUND OR FLOOR TO AN IGNITION SOURCE AND FLASH
BACK.

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

Spill Release Procedures:EXTINGUISH ALL IGNITION S
OURCES. CONTAIN

SPILL. COVER WITH INORGANIC ABSORBENT MATERIAL. COLLECT SPILLED
MATERIAL. COLLECT USING NON-SPARKING TOOLS. CLEAN UP RESIDUE WITH
WATER. PLACE IN A U.S. DOT-AP PROVED CONTAINER.

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

Handling and Storage Precautions:STORE IN A COOL PLACE. STORE AWAY FROM
ACIDS,. STORE AWAY FROM HEAT. STORE OUT OF DIRECT SUNLIGHT. KEEP
CONTAINER DRY. KEEP CONTAINER IN WELL VENTILATED AREA.

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===== Exposure

Controls/Personal Protection =====

Respiratory Protection:SELECT ONE OF THE FOLLOWING NIOSH APPROVED
RESPIRATORS.

Ventilation:USE WITH APPROPRIATE LOCAL EXHAUST VENTILATION.

Protective Gloves:WEAR APPROPRIATE GLOVES.

Eye Protection:WEAR UNVENTED GOGGLES.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=82.8C, 181.F

Melt/Freeze Pt:M.P/F.P Text:NONE

Decomp Temp:Decomp Text:NONE

Vapor Pres:33 MMHG

Vapor Density:2

.1 AIR=1
Spec Gravity:0.82 WATER=1
Viscosity:50-100 CENTIPOISE
Solubility in Water:APPREC
Appearance and Odor:LIQUID, CLEAR SOLVENT ODOR
Percent Volatiles by Volume:94%

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

Stability Indicator/Materials to Avoid:YES
SPARKS AND/OR FLAMES.
Stability Condition to Avoid:SPARKS AND/OR FLAMES.
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Di
sposal Considerations =====

Waste Disposal Methods:INCINERATE IN AN INDUSTRIAL OR COMMERCIAL
FACILITY. RECLAIM IF FEASIBLE.

===== MSDS Transport Information =====

Transport Information:US DOT: PSN: CONSUMER COMMODITY ORM-D. MUST MAKE
SURE ALL DIAMOND LABELS, PSN, UN NUMBER, AND DOT-E-10232 ARE COVER
UP. MUST PLACE CONSUMER COMMODITY ORM-D LABEL ON TOP OF THE BOX.
IATA: PSN: CONSUME R COMMODITY, CLASS 9, UN NUMBER: ID8000. MUST
SEND COPY OF DOT-E-10232 CARGO AIRCRAFT ONLY. DOMESTIC SHIPMENT
ONLY. WHEN SHIPPING INTERNATIONAL CONTACT TECH SPRAY SHIPPING
DEPARTMENT. IMO: PSN: AEROSO L, CLASS 9, UN1950, ENS: 2-13,MFAG:
350, IMDG PAGE: 9022.

===== Regulatory Information =====

SARA Title III Information:SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES
(40 CFR 355): NONE OF THE CHEMICALS ARE SECTION 302 HAZARDS.
SECTION 311/312: MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CF
R
370) : BY MANUFACTURER'S HAZAR D EVALUATION, THIS PRODUCT IS
HAZARDOUS.IT SHOULD BE REPORTED UNDER THE FOLLOWING EPA HAZARD.
"IMMEDIATE (ACUTE) HEALTH HAZARD". SECTION 313: LIST OF TOXIC
CHEMICALS (40 CFC 372): NONE OF THE CHEMICAL S ARE 313 TOXIC
CHEMICALS.

Federal Regulatory Information:MSDS COMPLIES WITH OSHA'S HAZARD
COMMUNICATION RULE, 29 CFR 1910.1200. TOXIC SUBSTANCE CONTROL ACT
(TSCA), ALL SUBSTANCES ARE TSCA LISTED.

State Regulatory Information:CALIFORNIA

PROPOSITION 65: NONE OF THE
CHEMICALS ARE ON THE PROPOSITION 65 LIST.

===== Other Information =====

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