

RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC -- R-373 RUBBER INSUL. ADHESIVE --
8040-00-550-8835

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

Product ID:R-373 RUBBER INSUL. ADHESIVE

MSDS Date:01/24/1990

FSC:8040

NIIN:00-550-8835

MSDS Number: BQGNN

=== Responsible Party ===

Company Name:RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC

Address:605 ADAMS ST

Box:340

City:BEDFORD

State:VA

ZIP:24523

Country

:US

Info Phone Num:703-586-2611

Emergency Phone Num:804-846-5277

Preparer's Name:W.E. CREASY

CAGE:82942

=== Contractor Identification ===

Company Name:MDS ENGINEERING INC

Address:3030 MAIN ST

Box:UNKNOW

City:SAN DIEGO

State:CA

ZIP:92133-3731

Country:US

Phone:714-238-1468

CAGE:6N437

Company Name:RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC

Address:605 ADAMS ST

Box:340

City:BEDFORD

State:VA

ZIP:24523

Country:US

CAGE:82942

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

Ingred Name:TOLUENE (VAPOR PRESSURE 22.0 MM HG @ 68F)
CAS:108-88-3
RTECS #:XS5250000
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (VAPOR PRESSURE 140.0 MM HG @ 68F)
CAS:110-54-3
RTECS #:MN9275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ACETONE (VAPOR PRESSURE 186.0 MM HG @ 68F)
CAS:67-64-1
RTECS #:AL3150000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 5.46 LB/GL (654 GR/LT)
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL PENTANE (VP = 320.0 @ 100F)
CAS:107-83-5
RTECS #:SA2995000
Fraction by Wt: 5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM

Ingred Name:3-METHYL PENTANE (SARA 302) (CERCLA) (VP = 320.0 @ 100F)
CAS:96-14-0
RTECS #:TG0175000
Fraction by Wt: 5.0%
Other REC L

imits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:400 PPM

===== 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:INHALE: DIZZY/BREATHING

DIFFICULTY/HEADACHES/LOSS OF COORDINATION. SKIN:

DRY/DEFAT/CRACKS/IRRITATE/DERMATITIS. EYE: SEVERE

IRRITATE/TEAR/RED/BLURRED VISION. INGEST: GASTROINTESTINAL

IRRITATE/VOMIT/NAU SEA/DIARRHE

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Effects of Overexposure:INHALE: DIZZY/BREATHING

DIFFICULTY/HEADACHE/LOSS OF COORDINATION. SKIN:

DRY/DEFAT/CRACKS/IRRITATE/DERMATITIS. EYE: SEVER

IRRITATE/TEAR/RED/BLURRED VISION. INGEST: GASTROINTESTINAL

IRRITATE/VOMIT/NAUSE A/DIARRHEA.

Medical Cond Aggravated by Exposure:ANESTHESIA, RESPIRATORY TRACT

IRRITATION,DERMATITIS, NAUSEA, VOMITING.

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

First Aid:INHALE: MOVE TO FRESH AIR. IF BREATHING STOPS, APPLY

ARTIFICIAL RESPIRATION, GET IMMEDIATE MEDICAL AID. EYE: FLUSH

W/WATER 15 MIN. SKIN: WASH W/SOAP/WATER, SEE DR. INGESTION: DO NOT

INDUCE VOMITING. C AN CAUSE CHEMICAL PHEUMONITIS EDEMA. CONTACT

PHYSICIAN IMMEDIATELY.

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

Flash Point Method:CC

Flash Point:-14F,-26C

Lower Limits:1.0

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:RESPIRATORY EQUIPMENT WORN TO AVOID INHALATION
OF C

ONCENTRATED VAPORS. WATER NOT USED EXCEPT AS FOG TO COOL NEARBY
CONTAINERS.

Unusual Fire/Explosion Hazard:HANDLE AS FLAMMABLE LIQUID. VAPORS FORM
EXPLOSIVE MIX IN AIR-IGNITED BY MANY SOURCES-PILOT LIGHTS/OPEN
FLAMES/ELECTRICAL MOTORS/SWITCHES.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES, PROVIDE GOOD
VENTILATION, DIKE SPILL AREA AND USE ABSORBENT MATERIAL TO CLEANUP.

===== Handling and

Storage =====

Handling and Storage Precautions:NON-SPARKING UTENSILS WHEN HANDLING.
AVOID HOT METAL SURFACES. COOL WELL-VENTED AREAS. CONTAINERS
CLOSED-NOT IN USE. NO EXCESSIVE HEAT/OPEN FLAME.
Other Precautions:NO SMOKING. TOOLS USED WITH THIS MATERIAL SHOULD BE
MADE OF ALUMINUM, BRASS, COPPER. PLASTIC UTENSILS SHOULD NOT BE
USED.

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

Respiratory Protection:SPRAY: NIOSH APPROVED CARTRIDGE RESPI
RATOR/GAS
MASK SUITABLE TO KEEP AIRBORNE MISTS/CONCENTRATIONS BELOW TWA
LIMIT. WHEN USING IN POORLY VENTILATED/CONFINED SPACES USE A
FRESH-AIR SUPPLYING RESPIRATOR /SELF-CONTAINED BREATHING APPARATUS.
Ventilation:GENERAL MECHANICAL VENTILATION/LOCAL EXHAUST SUITABLE TO
KEEP VAPOR CONCENTRATIONS BELOW TLV. EXPLOSION-PROOF EQUIPMENT.
Protective Gloves:IMPERMEABLE CHEMICAL GLOVES
Eye Protection:CHEMICAL SAFETY GOGGLES/FACESHIELDS
Other Protective Equipment:IMPERMEABLE APRONS/PROTECT
IVE
CLOTHING/HEADCAPS
Work Hygienic Practices:EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE
IS RECOMMENDED.
Supplemental Safety and Health

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

HCC:F2
Boiling Pt:B.P. Text:132 TO 231F
Vapor Pres:>AIR
Spec Gravity:0.8 (WATER=1)
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:NO
Appearance and Odor:BLUE, OFFENSIVE

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

Stability Indicato

r/Materials to Avoid: YES

ALKALINE MATERIALS, STRONG ACIDS AND OXIDIZING MATERIALS.

Stability Condition to Avoid: EXCESSIVE HEAT, POOR VENTILATION,
CORROSIVE ATMOSPHERES, EXCESSIVE AGING.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN AND POSSIBLE ACROLEIN.

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

Waste Disposal Methods: COLLECT ABSORBENT/SPILLED LIQUID MIXTURE AND
PLACE INTO METAL CONTAINERS. CONSULT LOCAL, STATE AND FE
DERAL
HAZARDOUS WASTE REGULATIONS BEFORE DISPOSING INTO APPROVED
HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAWS.

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