

RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC -- R-373 RUBBER INSUL ADHESIVE,  
373 -- 8040-00-841-9773

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

Product ID:R-373 RUBBER INSUL ADHESIVE, 373

MSDS Date:11/01/1991

FSC:8040

NIIN:00-841-9773

MSDS Number: BKJQH

=== Responsible Party ===

Company Name:RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC

Address:805 MONROE STREET

Box:340

City:BEDFORD

State:VA

ZIP:24523

Country:US

Info Phone Num:703-586-2611

Emergency Phone Num

:703-586-2611

Preparer's Name:W.F. CREASY

CAGE:82942

=== Contractor Identification ===

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 (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 16%

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (N-

HEXANE)  
CAS:110-54-3  
RTECS #:MN9275000  
Fraction by Wt: 28%  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 36%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9394  
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

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

Routes of Entry: Inhalation:YES  
Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO  
Health Hazards Acute and Chronic:INHALED:DIZZINESS, BREATHING  
DIFFICULTY, HEADACHE & LOSS OF COORDINATION, EYE:SEVERE IRRITATION,  
TEARING, REDNESS & BLURRED VISION. SKIN:DRY & DEFATTED SKIN,  
CRACKS, IRRITATION, DERMATITIS. INGESTED.G /I IRRITATION, VOMITING,  
NAUSEA, DIARRHEA.  
Explanation of Carcinogenicity:MFR LISTED 'YES' TO OSHA AND 'NO' TO NTP  
& IARC. HMIS COULD NOT FIND AND OSHA REFERENCE TO CARCINOGEN  
ICITY.  
Effects of Overexposure:INHALED:DIZZINESS, BREATHING DIFFICULTY,  
HEADACHE & LOSS OF COORDINATION, EYE:SEVERE IRRITATION, TEARING,  
REDNESS & BLURRED VISION. SKIN:DRY & DEFATTED SKIN, CRACKS,  
IRRITATION, DERMATITIS. INGESTED.G /I IRRITATION, VOMITING, NAUSEA,  
DIARRHEA.  
Medical Cond Aggravated by Exposure:ANESTHESIA, RESPIRATORY TRACT  
IRRITATION, DERMATITIS, NAUSEA, VOMITING.

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

First Aid:INHAL OVEREXPOSU

RE:MOVE TO FRESH AIR. IF BREATHING STOPS,  
APPLY ARTIFICIAL RESPIRATION & SEEK IMMEDIATE MEDICAL ATTENTION.  
EYE:FLUSH W/LARGE QUANTITIES OF WATER FOR AT 15 MIN. SKIN:WASH  
THOROUGHLY WITH SOAP & WATER AND SEE A DOCTOR. INGESTED:DO NOT  
INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS EDEMA. CONTACT A  
PHYSICIAN IMMEDIATELY.

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

Flash Point Method:CC

Flash Point:-14F,-26C

Lower Limits:1.0

Extinguishing Media:FOAM,  
CO2, DRY CHEMICAL.

Fire Fighting Procedures:RESPIRATORY EQUIPMENT TO AVOID INHALATION OF  
CONCENTRATED VAPORS. WATER SHOULD NOT BE USED EXCEPT AS FOG TO KEEP  
NEARBY CONTAINERS COOL.

Unusual Fire/Explosion Hazard:HANDLE AS FLAMMABLE LIQUID. VAPORS FORM  
EXPLOSIVE MIX IN AIR BETWEEN UPPER & LOWER EXPLOSIVE LIMITS WHICH  
CAN BE IGNITED BY MANY SOURCES.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES, PROVIDE GOOD

VENTILATION, DIKE SPILL AREA AND USE ABSORBANT MATERIAL TO CLEANUP.

Neutralizing Agent:NO INFORMATION GIVEN BY MFR ON MSDS.

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

Handling and Storage Precautions:USE NON-SPARKING UTENSILS WHEN  
HANDLING THIS MATERIAL, AVOID HOT METAL SURFACES, USE IN COOL  
WELL-VENTILATED AREAS. KEEP CLOSED WHEN NOT IN USE.

Other Precautions:KEEP AWAY FROM EXCESSIVE HEAT & OPEN FLAMES. SMOKING  
IN AREAS WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY PROHIBITED.

TOOLS USED WITH MATERIAL SHOULD BE MADE OF ALUMINUM, BRASS, OR COPPER.  
PLASTIC UTENSILS SHOULD NOT BE USED.

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

Respiratory Protection:WHEN SPRAYING ADHESIVE USE NIOSH APPROVED  
CARTRIDGE RESPIRATOR OR GAS MASK SUITABLE TO KEEP AIRBORNE MISTS &  
CONCENTRATION BELOW TIME-WEIGHTED TLV. WHEN USING IN POORLY  
VENTILATED & CONFINED SPACES, USE FRESH AIR RESPIRATOR OR SCBA.

Ventilation:USE EXP

LOSION PROOF GENERAL MECHANICAL VENTILATION/LOCAL  
EXHAUST EQUIPMENT SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW T  
Protective Gloves:IMPERMEABLE CHEMICAL HANDLING GLOVES.  
Eye Protection:SAFETY GLASSES, GOGGLES, FACE SHIELD  
Other Protective Equipment:USE IMPERMEABLE APRONS, PROTECTIVE CLOTHING  
AND HEAD CAPS WHENEVER POSSIBLE TO PREVENT SKIN CONTACT.  
Work Hygienic Practices:EYE WASHES AND SAFETY SHOWERS IN WORKPLACE IS  
RECOMMENDED.  
Supplemental Safety and Health  
MSDS RECEIVED BY HMIS (F  
OCAL POINT D) FROM NAVY (FOCAL POINT N). CAGE  
CODE AND NSN IDENTIFIED BY THEM.

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

HCC:F2  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:>132F,>56C  
Vapor Density:HVR/AIR  
Spec Gravity:0.8  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:NO  
Appearance and Odor:BLUE, OFFENSIVE.

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

Stability Indicator/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 & POSSIBLE ACROLEIN.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:COLLECT ABSORBENT/SPILLED LIQUID MIXTURE AND  
PLACE INTO METAL CONTAINERS. CONSULT LOCAL, STATE AN  
D FEDERAL  
HAZARDOUS WASTE REGULATIONS BEFORE DISPOSING INTO APPROVED  
HAZARDOUS WASTE LANDFILLS. OBEY RE LEVANT LAWS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent

professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.