

AIRSERCO MFG -- 4036 LIQUID-VAC SEALANT - SEALING COMPOUND  
MATERIAL SAFETY DATA SHEET  
NSN: 8030004695735  
Manufacturer's CAGE: 96662  
Part No. Indicator: A  
Part Number/Trade Name: 4036 LIQUID-VAC SEALANT

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General Information  
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Item Name: SEALING COMPOUND  
Company's Name: AIRSERCO MFG COMPANY  
Company's Street: 90 VERMONT AVENUE  
Company's P. O. Box: 1415  
Company's City: DAYTON  
Company's State: OH  
Company's Country: US  
Company's Zip Code: 45404  
Company's Emerg Ph #: 513-461-1754  
Company's Info Ph #: 513-461-1754  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 09JAN92  
Safety Data Review Date: 10AUG93  
Preparer's Company: AIRSERCO MFG COMPANY  
Preparer's St Or P. O. Box: 90 VERMONT AVENUE  
Preparer's City: DAYTON  
Preparer's State: OH  
Preparer's Zip Code: 45404  
MSDS Serial Number: BSQBN  
Hazard Characteristic Code: F3

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: PROPYLENE GLYCOL METHYL ETHER ACETATE  
Ingredient Sequence Number: 01  
Percent: 3-7  
NIOSH (RTECS) Number: UB7650000  
CAS Number: 1589-49-7  
OSHA PEL: 100 PPM

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Proprietary: NO  
Ingredient: TOLUENE  
Ingredient Sequence Number: 02  
Percent: 30-60  
NIOSH (RTECS) Number: XS5250000  
CAS Number: 108-88-3  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM  
Other Recommended Limit: 375 MG/CUM

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Proprietary: NO  
Ingredient: DI-SEC-OCTYL PHTHALATE, BIS (2-ETHYLHEXYL) PHTHALATE (DOP),  
(SUSPECTED HUMAN CARCINOGEN BY IARC, NTP & ACGIH)  
Ingredient Sequence Number: 03  
Percent: 3-7  
NIOSH (RTECS) Number: TI0350000  
CAS Number: 117-81-7  
OSHA PEL: 5 MG/CUM

ACGIH TLV: 5 MG/CUM

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Proprietary: NO  
Ingredient: ACRYLIC COPOLYMER RESIN  
Ingredient Sequence Number: 04  
Percent: BALANCE  
NIOSH (RTECS) Number: 1000422AC  
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Physical/Chemical Characteristics

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Appearance And Odor: COMPOUND IS WATER CLEAR, VERY VISCOUS LIQUID W/  
SOLVENT ODOR.  
Boiling Point: 231F  
Vapor Pressure (MM Hg/70 F): 22  
Vapor Density (Air=1): 4.7  
Specific Gravity: 0.92  
Evaporation Rate And Ref: (BU AC = 1): 2.2  
Percent Volatiles By Volume: 57%/WT  
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Fire and Explosion Hazard Data

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Flash Point: 40F (SOLVENT)  
Flash Point Method: TCC  
Lower Explosive Limit: 1.4%  
Upper Explosive Limit: 6.7%  
Extinguishing Media: CO2, DRY CHEMICAL, FOAM, HALON AGENTS  
Special Fire Fighting Proc: WATER MAY BE INEFFECTIVE, BUT MAY BE USED IN  
SPRAY TO COOL CONTAINER. NIOSH APPROVED BREATHING APPARATUS SHOULD BE WORN  
FOR INDOOR FIRES.  
Unusual Fire And Expl Hazrds: VAPORS MAY IGNITE IF ALLOWED TO ACCUMULATE  
NEAR AN IGNITION SOURCE. CLOSED CONTAINER MAY EXPLODE IF EXPOSED TO EXTREME  
HEAT NEAR A FIRE.  
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Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): HEAT & OTHER IGNITION SOURCES.  
Materials To Avoid: AVOID CONTAMINATION WITH ALKALIES, LIQUID CHLORINE,  
STRONG OXIDANTS, ACIDS OR BASES.  
Hazardous Decomp Products: CO & CO2  
Hazardous Poly Occur: NO  
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Health Hazard Data

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Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: SKIN: DEFATTING. DERMATITIS & ABSORPTION OF  
HARMFUL AMOUNTS OF MATERIAL.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NONE  
Signs/Symptoms Of Overexp: INHALATION: BREATHING OF CONCENTRATED SOLVENT  
VAPORS MAY CAUSE HEADACHE, NAUSEA, DIZZINESS, VOMITING. SKIN: MAY CAUSE  
DEFATTING & DERMATITIS, & ABSORPTION OF HARMFUL AMOUNTS OF MATERIAL.  
Emergency/First Aid Proc: SKIN: WASH WITH SOAPY WATER. EYE: FLUSH WITH  
WATER AT LEAST 15 MIN. INHALATION: REMOVE TO FRESH AIR. INGESTION: DON'T  
INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.  
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## Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ELIMINATE ALL POTENTIAL IGNITION SOURCES, VENTILATE AREA. SMALL SPILLS OF LIQUI-VAC MAY BE ABSORBED WITH VERMICULITE OR SAWDUST & WIPE UP WITH RAGS. UPON EVAPORATION SOLVENTS HARMLESS PRODUCT RESIDUE CAN BE SCRAPED & CONVENTIONALLY DISPOSED.

Waste Disposal Method: UNUSED PRODUCT DISPOSAL IN ACCORDANCE WITH ALL APPLICABLE LAWS & REGULATIONS CONSIDERING HAZARDOUS & FLAMMABLE SOLVENT INGREDIENTS. FLAMMABLE LIQUID, UN/NA 1993

Precautions-Handling/Storing: CONTAINER TO BE CLOSED AFTER EACH USE. STORE AWAY FROM HEAT & IGNITION SOURCES.

Other Precautions: USE WITH ALL CAUTIONS APPLICABLE TO FLAMMABLE LIQUIDS.

## Control Measures

Respiratory Protection: IN CONFINED AREAS USE NIOSH APPROVED BREATHING EQUIPMENT WITH ORGANIC VAPOR CARTRIDGES.

Ventilation: NOT REQUIRED FOR NORMAL INTENDED USE WITH ADEQUATE VENTILATION.

Protective Gloves: SOLVENT RESISTANT

Eye Protection: SPLASH PROOF CHEMICAL GOGGLES

Other Protective Equipment: NOT NORMALLY REQUIRED BY TYPICAL USER FOR SMALL QUANTITY.

Work Hygienic Practices: APPLY GOOD HOUSEKEEPING AND HYGIENE PRACTICE.

## Transportation Data

## Disposal Data

## Label Data

Label Required: YES

Technical Review Date: 10AUG93

Label Date: 05AUG93

Label Status: F

Common Name: 4036 LIQUI-VAC SEALANT

Chronic Hazard: NO

Signal Word: DANGER!

Acute Health Hazard-Moderate: X

Contact Hazard-Moderate: X

Fire Hazard-Severe: X

Reactivity Hazard-Slight: X

Special Hazard Precautions: SKIN: DEFATTING. DERMATITIS & ABSORPTION OF HARMFUL AMOUNTS OF MATERIAL. TARGET ORGANS: SKIN, CENTRAL NERVOUS SYSTEM. RESPIRATORY TRACT/NOSE/THROAT IRRITATION, NERVOUS SYSTEM DEPRESSION.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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Label Emergency Number: 513-461-1754

Year Procured: UNK