

RADIATOR SPECIALTY -- TITE SEAL CPVC CEMENT, T61-32
MATERIAL SAFETY DATA SHEET
RADIATOR SPECIALTYNSN: 804000N058398
Manufacturer's CAGE: 77628
Part No. Indicator: A
Part Number/Trade Name: TITE SEAL CPVC CEMENT, T61-32

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General Information
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Company's Name: RADIATOR SPECIALTY CO
Company's Street: 1400 W INDEPENDENCE BLVD
Company's City: CHARLOTTE
Company's State: NC
Company's Country: US
Company's Zip Code: 28208
Company's Emerg Ph #: 704-377-6555
Company's Info Ph #: 704-377-6555
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01JUL88
Safety Data Review Date: 30MAR95
MSDS Serial Number: BXCXX

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: TETRAHYDROFURAN (CERCLA)
Ingredient Sequence Number: 01
Percent: 60-80
NIOSH (RTECS) Number: LU5950000
CAS Number: 109-99-9
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM;250 STEL

Proprietary: NO
Ingredient: CYCLOHEXANONE (CERCLA)
Ingredient Sequence Number: 02
Percent: 6-10
NIOSH (RTECS) Number: GW1050000
CAS Number: 108-94-1
OSHA PEL: 50 PPM, S
ACGIH TLV: 25 PPM, S

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Physical/Chemical Characteristics
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Appearance And Odor: ORANGE VISCOUS LIQUID W/PUNGENT ODOR.
Boiling Point: 151F,66C
Vapor Pressure (MM Hg/70 F): 45
Vapor Density (Air=1): <1
Specific Gravity: 0.95 (H*20=1)
Evaporation Rate And Ref: 6.3 (BUTYL ACETATE=1)
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: 87(WT)
pH: NON-AQ

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Fire and Explosion Hazard Data
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Flash Point: 4F,-16C
Flash Point Method: PMCC
Extinguishing Media: FOAM, CO*2, DRY CHEMICAL.
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N). WATER SPRAY TO COOL CONTAINERS.
Unusual Fire And Expl Hazrds: AT ELEVATED TEMPERATURES CONTAINERS MAY
BURST, EVEN VIOLENTLY.
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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: OXIDIZING AGENTS, ALKALIS.
Hazardous Decomp Products: POSSIBLE CHLORINE, HYDROGEN CHLORIDE, PHOSGENE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT
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Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYE CONTACT:IRRITANT, MATERIAL IS ADHESIVE.
SKIN:PROLONGED CONTACT MAY CAUSE IRRITATION. INHAL:HEADACHE, NAUSEA,
UNCONSCIOUSNESS ON LONG EXPOSURE. INGEST:DIARRHEA, VOMITING.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: EYE:FLUSH W/WATER FOR AT LEAST 15 MINUTES,
CONSULT MD IMMEDIATELY. SKIN:WASH W/SOAP & WATER, REMOVE CONTAMINATED
CLOTHING. INHAL:MOVE TO FRESH AIR, CONSULT MD IMMEDIATELY. INGEST:DO NOT
INDUCE VOMITING. CONSULT MD IMMEDIATELY.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: OBSERVING HEALTH HAZARDS ABOVE, VENTILATE
AREA, REMOVE IGNITION SOURCES, ALLOW SOLVENTS TO EVAPORATE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF I/A/W ALL APPLICABLE FEDERAL, STATE &
LOCAL ENVIRONMENTAL LAWS & REGULATIONS.
Precautions-Handling/Storing: STORE IN A COOL, DRY PLACE AWAY FROM
IGNITION SOURCES, OXIDIZING AGENTS OR ALKALIS.
Other Precautions: EXTREMELY FLAMMABLE. KEEP CONTAINER CLOSED EXCEPT FOR
WHEN ACTUALLY USING. KEEP FROM CHILDREN.
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Control Measures
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Respiratory Protection: CONSUMER USE:NOT APPLICABLE. IN BULK HANDLING
(PROLONGED EXPOSURE), IF TLV IS EXCEEDED WEAR A NIOSH/MSHA APPROVED
RESPIRATOR.
Ventilation: CONSUMER USE: USE IN ADEQUATE VENTILATION. BULK HANDLING
(PROLONGED EXPOSURE): LOCAL VENTILATION.

Protective Gloves: POLYVINYL ALCOHOL GLOVES.
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (SUPDAT)
Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET
ANSI DESIGN CRITERIA (FP N). APRON.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: EYE PROT:& FULL LENGTH FACESHIELD (FP N).

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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 31MAR95
Label Date: 30MAR95
Label Status: G
Common Name: TITE SEAL CPVC CEMENT, T61-32
Chronic Hazard: NO
Signal Word: DANGER!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: FLAMMABLE. ACUTE:EYE CONTACT:IRRITANT,
HEADACHE, NAUSEA, UNCONSCIOUSNESS ON LONG EXPOSURE. INGEST:DIARRHEA,
VOMITING. CHRONIC:NONE LISTED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: RADIATOR SPECIALTY CO
Label Street: 1400 W INDEPENDENCE BLVD
Label City: CHARLOTTE
Label State: NC
Label Zip Code: 28208
Label Country: US
Label Emergency Number: 704-377-6555