

RADIATOR SPECIALTY -- ELECTRIC MOTOR CONTACT & BRAKE CLEANER
MATERIAL SAFETY DATA SHEET
RADIATOR SPECIALTYNSN: 685000B180003
Manufacturer's CAGE: 77628
Part No. Indicator: A
Part Number/Trade Name: ELECTRIC MOTOR CONTACT & BRAKE CLEANER

=====
General Information
=====

Company's Name: RADIATOR SPECIALTY COMPANY
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 Info Ph #: 704377-6555
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Date MSDS Prepared: 01APR88
Safety Data Review Date: 30JUN88
MSDS Serial Number: BBBSY

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
Ingredient Sequence Number: 01
Percent: 30-70
NIOSH (RTECS) Number: KJ2975000
CAS Number: 71-55-6
OSHA PEL: 350 PPM
ACGIH TLV: 350 PPM/450STEL;9394
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)
Ingredient Sequence Number: 02
Percent: 30-70
NIOSH (RTECS) Number: KX3850000
CAS Number: 127-18-4
OSHA PEL: 100 PPM
ACGIH TLV: 25PPM/100,A3 STEL;94

Proprietary: NO
Ingredient: CARBON DIOXIDE
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: FF6400000
CAS Number: 124-38-9
OSHA PEL: 5000 PPM
ACGIH TLV: 5000PPM/30000STEL;93

=====
Physical/Chemical Characteristics
=====

Appearance And Odor: COLORLESS VOLATILE LIQUID WITH CHARACTERISTIC ODOR.
Boiling Point: 168F
Specific Gravity: 1.41
Evaporation Rate And Ref: RAPID

Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: 100

=====
Fire and Explosion Hazard Data
=====

Flash Point: NONE
Extinguishing Media: NON-FLAMMABLE
Special Fire Fighting Proc: WEAR SELF-CONTAINED, POSITIVE PRESSURE
BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER SPRAY TO KEEP AEROSOL
CONTAINERS COOL.
Unusual Fire And Expl Hazrds: CONTENTS UNDER PRESSURE. AT ELEVATED
TEMPERATURES, CONTAINERS MAY BURST, EVEN VIOLENTLY.

=====
Reactivity Data
=====

Stability: YES
Cond To Avoid (Stability): SPARKS, FLAMES, ELECTRIC ARCS, HOT METAL SURFACES
Materials To Avoid: WATER, ALKALIS, FINELY DIVIDED METALS.
Hazardous Decomp Products: IN PRESENCE OF WATER: HYDROCHLORIC ACID/
IGNITION SOURCES, HOT METAL SURFACES: PHOSGENE.

=====
Health Hazard Data
=====

Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
DEFATTING, DERMATITIS ON PROLONGED EXPOSURE. INHALATION: DIZZINESS, HEADACHE,
NARCOSIS. INGESTION: STOMACH IRRITATION, NAUSEA, VOMITING, DIARRHEA. CAN EFFECT
LIVER OR KIDNEYS ADVERSELY.
Emergency/First Aid Proc: EYE CONTACT: FLUSH EYE WITH WATER FOR 15
MINUTES. CONSULT PHYSICIAN IMMEDIATELY. SKIN CONTACT: WASH WITH SOAP AND
WATER. REMOVE CONTAMINATED CLOTHING AND ALLOW TO DRY OUT-OF-DOORS.
INHALATION: MOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. CONSULT
PHYSICIAN IMMEDIATELY.

=====
Precautions for Safe Handling and Use
=====

Steps If Matl Released/Spill: WIPE UP WITH RAGS. OBSERVING HEALTH HAZARDS
VENTILATE AREA. CONFINE SPILL, AND TRANSFER TO WASTE DRUM.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
GOVERNMENT LAWS AND REGULATIONS.
Precautions-Handling/Storing: STORE BELOW 120F AWAY FROM ALKALIES AND
METAL POWDERS.
Other Precautions: DO NOT PUNCTURE OR INCINERATE AEROSOL CONTAINERS. KEEP
AWAY FROM CHILDREN.

=====
Control Measures
=====

Respiratory Protection: IF TLV IS EXCEEDED, USE NIOSH APPROVED RESPIRATOR.
Ventilation: LOCAL, USE WITH ADEQUATE VENTILATION.
Protective Gloves: BUTYL RUBBER GLOVES
Eye Protection: FULLY PROTECTIVE GOGGLES OR FACE SHIELD
Other Protective Equipment: BUTYL RUBBER APRON

=====
Transportation Data
=====

Disposal Data

Label Data

Label Required: YES

Label Status: G

Common Name: ELECTRIC MOTOR CONTACT & BRAKE CLEANER

DEFATTING, DERMATITIS ON PROLONGED EXPOSURE. INHALATION: DIZZINESS, HEADACHE, NARCOSIS. INGESTION: STOMACH IRRITATION, NAUSEA, VOMITING, DIARRHEA. CAN EFFECT LIVER OR KIDNEYS ADVERSELY. N/K

Label Name: RADIATOR SPECIALTY COMPANY

Label Street: 1400 W. INDEPENDENCE BLVD.

Label City: CHARLOTTE

Label State: NC

Label Zip Code: 28208

Label Country: US