

RADIATOR SPECIALTY COMPANY -- TITE SEAL GASKET AND JOINT SEALING COMPOUND

=====  
MSDS Safety Information  
=====

FSC: 8030  
NIIN: 00-065-1970  
MSDS Date: 07/01/1992  
MSDS Num: BRLWQ  
Product ID: TITE SEAL GASKET AND JOINT SEALING COMPOUND  
MFN: 02  
Responsible Party  
Cage: 77628  
Name: RADIATOR SPECIALTY COMPANY  
Address: 1400 W. INDEPENDENCE BLVD.  
City: CHARLOTTE NC 28208  
Info Phone Number: 704-377-6555  
Emergency Phone Number: 704-377-6555  
Preparer's Name: T. LIEBMAN  
Review Ind: Y  
Published: Y

=====  
Contractor Summary  
=====

Cage: 77628  
Name: RADIATOR SPECIALTY COMPANY  
Address: 1900 WILKINSON BLVD.  
Box: 34689  
City: CHARLOTTE NC 28208  
Phone: 704-377-6555/303-623-5716

=====  
Item Description Information  
=====

Item Manager: GSA  
Item Name: SEALING COMPOUND  
Unit of Issue: TU  
Quantitative Expression: 00000000003OZ  
UI Container Qty: 3.0 OZ.  
Type of Container: TUBE

=====  
Ingredients  
=====

Name: NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT  
=====

Health Hazards Data  
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: EYE: IRRITANT, MAY CAUSE CORNEAL DAMAGE. SKIN CONTACT:  
SKIN IRRITANT ON PROLONGED EXPOSURE. INHALATION: ALCOHOL FUMES MAY CAUSE  
HEADACHE AND IRRITATION. INGESTION: HARMFUL IF SWALLOWED.  
Explanation Of Carcinogenicity: THIS PRODUCT DOES NOT CONTAIN MORE THAN .1%  
OF ANY KNOWN CARCINOGEN LISTED BY NTP, IARC, OR OSHA.

Signs And Symptions Of Overexposure: SEE HEALTH HAZARDS.  
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
First Aid: EYE CONTACT: FLUSH EYE WITH WATER FOR 15 MINUTES. CONSULT A  
PHYSICIAN. SKIN CONTACT: WASH WITH SOAP AND WATER. INHALATION: MOVE TO  
FRESH AIR. IF NEEDED GIVE ARTIFICIAL RESPIRATION. INGESTION: INDUCE  
VOMITING, DRINK 2 GLASSES OF MILK, CONSUL T A PHYSICIAN.

=====  
Handling and Disposal  
=====

Spill Release Procedures: CONFINE SPILL, REMOVE IGNITION SOURCES, VENTILATE  
AREA, WIPE AND SCRAPE UP WITH RAGS, TRANSFER TO WASTE DRUM.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICIABLE  
GOVERNMENT LAWS AND REGULATIONS.  
Handling And Storage Precautions: STORE AWAY FROM IGNITION SOURCES AND  
OXIDIZING AGENTS.  
Other Precautions: KEEP AWAY FROM CHILDREN.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: PMCC  
Flash Point Text: 60.0F,15.6C  
Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL  
Fire Fighting Procedures: WEAR SELF-CONTAINED, POSITIVE PRESSURE BREATHING  
APPARATUS AND PROTECTIVE CLOTHES.  
Unusual Fire/Explosion Hazard: MAY PRODUCE DENSE SMOKE

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

Respiratory Protection: N/A FOR CONSUMER. IF TLV IS EXCEEDED, WEAR RESPIRATOR  
FOR BULK HANDLING.  
Ventilation: USE WITH ADEQUATE GENERAL VENTILATION  
Protective Gloves: RUBBER (BULK HANDLING)  
Eye Protection: GOGGLES (BULK HANDLING)  
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health: PARTS NUMBER LISTED BY THE MANUFACTURER  
INCLUDE: T2-01, T2-03, T2-03V, T2-11.

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

HCC: F3  
Spec Gravity: 1.5  
PH: 7  
Solubility in Water: SLIGHT  
Appearance and Odor: BLACK PASTE WITH ALCOHOLIC ODOR  
Percent Volatiles by Volume: 15

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

Stability Indicator: YES  
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.  
Materials To Avoid: OXIDIZING AGENTS  
Hazardous Decomposition Products: SMOKE, CARBON OXIDES  
Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

=====  
Toxicological Information

=====  
=====  
Ecological Information  
=====

=====  
=====  
MSDS Transport Information  
=====

=====  
=====  
Regulatory Information  
=====

=====  
=====  
Other Information  
=====

=====  
=====  
Transportation Information  
=====

Responsible Party Cage: 77628  
Trans ID NO: 45646  
Product ID: TITE SEAL GASKET AND JOINT SEALING COMPOUND  
MSDS Prepared Date: 07/01/1992  
Review Date: 08/30/1993  
MFN: 2  
Tech Entry NOS Shipping Nm: ISOPROPANOL, VEGETABLE OIL.  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: TU  
Container QTY: 3.0 OZ.  
Type Of Container: TUBE  
=====

=====  
=====  
Detail DOT Information  
=====

DOT PSN Code: GJZ  
DOT Proper Shipping Name: FLAMMABLE SOLIDS, N.O.S.  
Hazard Class: 4.1  
UN ID Num: UN1325  
DOT Packaging Group: II  
Label: FLAMMABLE SOLID  
Packaging Exception: 151  
Non Bulk Pack: 212  
Bulk Pack: 240  
Max Qty Pass: 15 KG  
Max Qty Cargo: 50 KG  
Vessel Stow Req: B  
=====

=====  
=====  
Detail IMO Information  
=====

IMO PSN Code: HJB  
IMO Proper Shipping Name: FLAMMABLE SOLID, ORGANIC, N.O.S. o  
IMDG Page Number: 4146  
UN Number: 1325  
UN Hazard Class: 4.1  
IMO Packaging Group: II/III  
Subsidiary Risk Label: -  
EMS Number: 4.1-05  
MED First Aid Guide NUM: T  
=====

=====  
=====  
Detail IATA Information  
=====

=====  
IATA PSN DO  
IATA UN ID Num: 1325  
IATA Proper Shipping Name: FLAMMABLE SOLID, ORGANIC, N.O.S. \*  
IATA UN Class: 4.1  
IATA Label: FLAMMABLE SOLID  
UN Packing Group: II  
Packing Note Passenger: 415  
Max Quant Pass: 15KG  
Max Quant Cargo: 50KG  
Packaging Note Cargo: 417  
Exceptions: A3  
=====

=====  
Detail AFI Information  
=====

AFI PSN DO  
AFI Symbols: \*  
AFI Proper Shipping Name: FLAMMABLE SOLIDS, ORGANIC, N.O.S.  
AFI Hazard Class: 4.1  
AFI UN ID NUM: UN1325  
AFI Packing Group: II  
Special Provisions: P5, A1  
Back Pack Reference: A8.4  
=====

HAZCOM Label  
=====

Product ID: TITE SEAL GASKET AND JOINT SEALING COMPOUND  
Cage: 77628  
Company Name: RADIATOR SPECIALTY COMPANY  
Street: 1900 WILKINSON BLVD.  
PO Box: 34689  
City: CHARLOTTE NC  
Zipcode: 28208  
Health Emergency Phone: 704-377-6555  
Label Required IND: Y  
Date Of Label Review: 12/16/1998  
Status Code: C  
Label Date: 12/16/1998  
Origination Code: G  
Hazard And Precautions: EYE: IRRITANT, MAY CAUSE CORNEAL DAMAGE. SKIN  
CONTACT:SKIN IRRITANT ON PROLONGED EXPOSURE. INHALATION: ALCOHOL FUMES MAY  
CAUSE HEADACHE AND IRRITATION. INGESTION: HARMFUL IF SWALLOWED.  
SEE HEALTH HAZARDS.  
=====

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, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.