

WACKER SILICONES CORP -- GOODWRENCH SILICONE SEALER RTV T-330, 12346192, 12346193 --  
6850-01-167-2003

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

Product ID:GOODWRENCH SILICONE SEALER RTV T-330, 12346192, 12346193

MSDS Date:04/11/1991

FSC:6850

NIIN:01-167-2003

Status Code:A

MSDS Number: CKFTW

=== Responsible Party ===

Company Name:WACKER SILICONES CORP

Address:3301 SUTTON RD

City:ADRIAN

State:MI

ZIP:49221

Country:US

Info Phone Num:517-264-8500

Emergency Phone Num:517-264-8500

Resp. Party Other MSDS Num.:00232543

CAGE:0DF77

=== Contractor Identification ===

Company Name:BADGER TRUCK CENTER INC

Address:2326 W ST PAUL AVE

Box:1530

City:MILWAUKEE

State:WI

ZIP:53201

Country:US

Phone:414-344-9500

Contract Num:SP0450-00-M-D596

CAGE:06YZ5

Company Name:WACKER SILICONES CORP

Address:3301 SUTTON RD

Box:City:ADRIAN

State:MI

ZIP:49221

Country:US

Phone:517-264-8500

CAGE:0DF77

===== Composition/Infor

mation on Ingredients =====

Ingred Name:2-BUTANONE, OXIME

CAS:96-29-7

RTECS #:FL9275000

Fraction by Wt: TRACE

Ingred Name:CARBONIC ACID, CALCIUM SALT (1:1)

CAS:471-34-1

RTECS #:FF9335000

Minumum % Wt:35.

Maxumum % Wt:45.

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

= Wt:.1

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

Ingred Name:1,2-ETHANEDIAMINE, POLYMER WITH METHYLOXIRANE AND OXIRANE  
(MSDS HAD CAS 26316-40-5)

CAS:26316-40-5

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:SF

96 (SILICONE)

CAS:63148-62-9

RTECS #:JT6484500

Minumum % Wt:10.

Maxumum % Wt:30.

Ingred Name:HEXAMETHYLDISILAZANE, SILICA REACTION PRODUCT

CAS:68909-20-6

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED

CAS:70131-67-8

Minumum % Wt:30.

Maxumum % Wt:60.

Ingred Name:ORGANOTIN (MSDS HAD CAS 9899721-10-5)

= Wt:.1

Ingred Name:MIXED METHYL ETHYL KETOXIME FUNCTIONAL SILANES (MSDS HAD  
CAS 989972-23-5)

Minumum % Wt:5.

Maxumum % Wt:10.

=====

==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-IRRITATING TO BODY TISSUES. MAY BURN IF PROLONGED &/OR REPEATED CONTACT OCCURS. NO TOXIC EFFECTS EXPECTED FROM INHALING OR INGESTING IN NORMAL INDUSTRIAL USE. NO CHRONIC EFFECTS KNOWN. NOTE HYDR OLYSES TO RELEASE METHYLETHYLKETOXIME. MEKO MAY CAUSE DAMAGING BLOOD, SPLEEN, LUNG & KIDNEY EFFECTS & SENSITIZATION.

Explanation of Carcinogenicity:THIS MATERIAL DOES NOT CONTAIN ANY INGREDIENTS LISTED BY IARC, NTP OR OSHA AS CARCINOGENS IN AMOUNTS EXCEEDING 0.1%.

Effects of Overexposure:EYE: IRRITATION, BURNS FROM EXTENDED CONTACT. SKIN: POSSIBLE IRRITATION (BURNS FROM PROLONGED &/OR REPEATED CONTACT), POSSIBLE ALLERGIC REACTION, MAY BE ABSORBED THROUGH THE SKIN CAUSING REVERSABLE NA RCOSIS, HEMOLYTIC ANEMIA & METHEMAGLOBINEMIA. INHALED/ INGESTED:NO TOXIC EFFECTS EXPECTED IN INDUSTRIAL USE.

Medical Cond Aggravated by Exposure:THERE IS NOT DATA AVAILABLE WHICH ADDRESS MEDICAL CONDITIONS WHICH ARE GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS APART. SEEK MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE EXCESS WITH WATERLESS SKIN CLEANER. WASH WITH SOAP & WATER. OBTAIN MEDICAL CARE FOR BURNS OR IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR AND AID OR RESTORE BREATHING IF NEEDED. INGESTION: NOT APPLICABLE.

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

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM TYPE EXTINGUISHING MEDIA.

Fire Fighting Procedures:THIS IS A PASTE LIKE MATERIAL THAT WILL BURN WITH A LAZY SMOLERING TYPE FLAME. PREVENT HUMAN EXPOSURE TO FIRE, SMOKE, FUMES OR PRODUCTS OF COMBUSTION.

Unus

ual Fire/Explosion Hazard:COMBUSTIBLE VAPORS MAY ACCUMULATE IN THE CONTAINER HEADSPACE ON FORMATION OF HYDROLYSIS BY-PRODUCTS. VAPORS FROM COMBUSTION OF THE UNCURED MATERIAL ARE TOXIC.

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

Spill Release Procedures:FOR HIGH OR UNKNOWN CONCENTRATIONS USE A POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS & PROPER PERSONAL PROTECTION. ABSORB SPILL WITH SAND OR FULLER'S EARTH. SWEEP UP & PLACE IN AN APPROPRIATE CHEMICAL CONTAINER. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:STORE IN COOL, DRY AND WELL VENTILATED AREA. PROTECT CONTAINER FROM PHYSICAL DAMAGE. KEEP CONTAINER CLOSED, EVEN WHEN EMPTY.

Other Precautions:OPEN WITH CARE - COMBUSTIBLE VAPORS MAY BE PRESENT.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR IF VENTILATION IS INADEQUATE OR NOT AVAILABLE.

Ventilation:USE MECHANICAL (GENERAL) VENTILATION, LOCAL EXHAUST, PROCESS ENCLOSURE OR ISOLATION TO CONTROL EXPOSURES.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES, GOGGLES, FACE SHIELD

Other Protective Equipment:LONG SLEEVE CLOTHING SELECTED TO MINIMIZE EXPOSURE.

Work Hygienic Practices:KEEP OPEN CONTAINERS OF FOOD & BEVERAGES AWAY FROM AREA WHERE PRODUCT IS USED OR STORED. WASH THOROUGHLY AFTER USING.

Supplemental Safety and Health

MSDS PROVIDED BY CONTRACTOR WAS VERY INCOMPLETE EXCEPT FOR INGREDIENTS. BALANCE OF MSDS DATA WAS COPIED FROM MSDS SERIAL NO. CDGHM WHICH IS FOR THE SAME PRODUCT BUT ANOTHER NSN.

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

HCC:N1

Spec Gravity:1.33

Solubility in Water:NONE

Appearance and Odor:BLACK PASTE WITH AN OXIME ODOR

Percent Volatiles by Volume:4.2

===== Stability and Rea

ctivity Data =====

Stability Indicator/Materials to Avoid: YES

INCOMPATIBLE WITH WATER, IRON, ACIDS. MAY REACT VIOLENTLY IN CONTACT WITH ELECTROPHILES.

Stability Condition to Avoid: HYDROLYZES SLOWLY AT AMBIENT TEMPERATURES WHEN EXPOSED TO MOISTURE. KEEP CONTAINER CLOSED TO PREVENT EXPOSURE.

Hazardous Decomposition Products: METHYLETHYLKETOXIME, SIO<sub>2</sub>, CO, CO<sub>2</sub> AND VARIOUS HYDROCARBON FRAGMENTS

Conditions to Avoid Polymerization: MAY OCCUR ON WATER EXPOSURE, STRONG AC ID CONTACT, HEAT TREATMENT.

===== Toxicological Information =====

Toxicological Information: NOT PROVIDED

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

Ecological: NOT PROVIDED

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

Waste Disposal Methods: OBSERVE ALL FEDERAL, STATE & LOCAL LAWS & REGULATIONS REGARDING DISPOSAL, SPILL, CLEANUP, REMOVAL OR DISCHARGE. DISPOSE OF AT AN APPROVED FACILITY I/A/W ANY APPLICABLE REGULATIONS UNDER THE RESOURCE CONSERVATION & RECOVERY ACT. DON'T REUSE CONTAINERS

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

Transport Information: NOT PROVIDED

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

SARA Title III Information: NOT PROVIDED

Federal Regulatory Information: NOT PROVIDED

State Regulatory Information: NOT PROVIDED

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

Disclaimer (provided with this inf

ormation 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.