

QUANTUM SILICONES -- QSIL-60 -- 5970-00-689-8832

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

Product ID:QSIL-60
MSDS Date:10/09/1998
FSC:5970
NIIN:00-689-8832
MSDS Number: CKCYQ
=== Responsible Party ===
Company Name:QUANTUM SILICONES
Address:7518 WHITEPINE RD
City:RICHMOND
State:VA
ZIP:23237
Country:US
Info Phone Num:804-271-9010
Emergency Phone Num:804-271-9010
Preparer's Name:PHIL MCDERMOTT
Chemtrec Ind
/Phone:(800)424-9300
CAGE:1HTG4
=== Contractor Identification ===
Company Name:QUANTUM SILICONES
Address:7518 WHITEPINE RD
Box:City:RICHMOND
State:VA
ZIP:23237
Country:US
Phone:804-271-9010
CAGE:1HTG4
Company Name:THE SMITH GROUP INC.
Address:811 E. CAYUGA STREET
Box:City:PHILADELPHIA
State:PA
ZIP:19124-3893
Country:US
Phone:215-743-8200
Contract Num:SP0430-99-M-G341
CAGE:2B613

===== Composition/Information on Ingredients =====

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7

400000
Minumum % Wt:25.
Maxumum % Wt:40.
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3;2 PPM

Ingred Name:FULLERS EARTH
CAS:61790-53-2
RTECS #:VV7311000
Minumum % Wt:5.
Maxumum % Wt:13.
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:10 MG/M3

Ingred Name:ETHYL SILICATE
CAS:78-10-4
RTECS #:VV9450000
Minumum % Wt:.5
Maxumum % Wt:2.5
OSHA PEL:850 MG/M3;100 PPM
ACGIH TLV:85 MG/M3;10 PPM

Ingred Name:POLYDIMETHYLSILOXANES, SILANOL TERMINATED
CAS:70131-67-8
Minumum % Wt:25.
Maxumum % Wt:45.

===== Hazards Id
entification =====

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:PRIMARY ROUTE OF EXPOSURE IS EYE
CONTACT. EYE CONTACT CAN CAUSE MILD, TEMPORARY IRRITATION.
Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER
Effects of Overexposure:EYE CONTACT CAN CAUSE MILD, TEMPORARY
IRRITATION.
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER.

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR A MINIMUM OF 15 MINUTES.
SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN CONTACT: WASH
THOROUGHLY WITH SOAP AND WATER. INGESTION: SEEK MEDICAL ATTENTION.
INHALATION: N/A MATERIAL IS NON-VOLATILE.

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

Flash Point:>148.9C, 300.F
Extinguishing Media:USE WATER FOG, DRY CHEMICAL, FOAM OR CO2.
Fire Fighting Procedures:FIRE
-FIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY
TO COOL NEARBY CONTAINERS.
Unusual Fire/Explosion Hazard:MATERIAL IS NON-COMBUSTIBLE,
NON-FLAMMABLE.

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

Spill Release Procedures:EVACUATE THE AREA OF UNPROTECTED PERSONNEL.
USE PERSONAL PROTECTION TO MINIMIZE EXPOSURE. MINIMIZE SPREAD OF
MATERIAL BY USING A DIKE, ABSORBENT MATERIAL OR OTHER METHOD TO
CONTAIN MATERIAL. SCRAPE, SUCK OR WIPE UP MATERIAL & PLACE IN
APPROPRIATE CONTAINERS FOR DISPOSAL. ALL FEDERAL, STATE AND LOCAL
LAWS CONCERNING REPORTING OF LEAKS & SPILLS & DISPOSAL OF
RECOVERED MATERIAL SHOULD BE FOLLOWED.
Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:NO DATA PROVIDED BY MANUFACTURER
Other Precautions:NO DATA PROVIDED BY MANUFACTURER

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

Respiratory Protection:NO DATA PROVIDED BY MANUFACTURER
Ventilation:NO DATA PROVIDED BY MANUFACTURER
Protective Gloves:WEAR PROTECTIVE GLOVES WHEN HANDLING.
Eye Protection:WEAR PROTECTIVE GOGGLES TO PREVENT EYE CONTACT.
Other Protective Equipment:USE APPROVED DUST MASK OR BREATHING
APPARATUS AND FULL PROTECTIVE CLOTHING.
Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER
Supplemental Safety and Health
KEY1: N1. ITEM IS A TWO PART KIT. CONT

AINS QSIL-60 AND QSIL-60 CAT

(SERIAL NUMBER=CKCYR). QSIL-60 IS NONHAZARDOUS. QSIL-60 CAT IS TOXIC. CAS# FOR ETHYL SILICATE ON MSDS IS 75-10-4 (INVALID CAS#), ON E GIVEN IN HMRIS RECORD IS CORRECT ONE PER CAS.

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

HCC:T4

Boiling Pt:>148.9C, 300.F

Vapor Pres:@20C, 1MM HG NEGLIGIBLE

Vapor Density:NEGLIGIBLE

Spec Gravity:1.40G/CM3 (WATER=1)

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:NEGLIGIBLE / TOLU

ENE

Appearance and Odor:COLOR: RED ODOR: NEGLIGIBLE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:THIS MATERIAL IS CHEMICALLY STABLE.

Hazardous Decomposition Products:EXTREME HEAT OR FLAME MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE, SILICONE, OXIDES AND FORMALDEHYDE.

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

Toxicological Information:OCCUPATIONAL EXPOSURE LIMITS.

DUE TO THE LOW

TOXICITY OF THIS MATERIAL NO LIMIT HAS BEEN ESTABLISHED. TOXICITY: DUE TO THE LOW TOXICITY OF THIS MATERIAL, SPECIFIC TOXICITY DATA IS UNAVAILABLE.

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

Ecological:NO DATA PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:ALL FEDERAL, STATE AND LOCAL LAWS CONCERNING THE REPORTING OF LEAKS AND SPILLS AND THE DISPOSAL OF RECOVERED

MATERIAL SHOULD BE FOLLOWED.

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

Transport Information:NO DATA PROVIDED BY MANUFACTURER

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

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER
Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

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

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