

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

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===== 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

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===== 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.

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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#), ONE 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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