

80-696

FOOD GRADE SILICONE

80-696

HMIS RATING	
Health	2
Flammability	3
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	4
Reactivity	0
NFPA 308 LEVEL	
3	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-696
PRODUCT NAME Food Grade Silicone
CHEMICAL FAMILY N/A
DOT SHIPPING Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Hexane (110-54-3)	50ppm	50ppm	-	-
Propane/Isobutane/n-Butane (74-98-6)	1000ppm	800ppm	-	-
Proprietary items	-	-	-	0

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1980 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE) -40°F to 212°F
VAPOR PRESSURE PSIG @ 70°F 65-75
VAPOR DENSITY (AIR = 1) >1
SOLUBILITY IN WATER Negligible
SPECIFIC GRAVITY (H₂O = 1)69
MELTING/FREEZING POINT N/A
EVAPORATION RATE (Butyl Acetate=1) >1
VOC content (by weight) Not determined
APPEARANCE AND ODOR Clear / solvent

4. FIRE AND EXPLOSION DATA

FLASH POINT -40°F TCC
UPPER EXPLOSIVE LIMIT (%) N/A
LOWER EXPLOSIVE LIMIT (%) N/A
EXTINGUISHING MEDIA Drychemical, CO₂, waterfog
SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.
FIRE AND EXPLOSION HAZARDS Heated cans may burst
NFPA FLAMMABILITY HAZARD 4

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Skin, Ingestion, Eyes, Inhalation
HEALTH HAZARDS (ACUTE AND CHRONIC) ... May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of the skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver, or kidney damage. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. The solvents listed have been reported to affect the central nervous system. Hexane may damage peripheral nerve tissue.

SIGNS & SYMPTOMS OF EXPOSURE Inhalation: difficulty in breathing; Skin: redness; Ingestion: vomiting
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Heart disease, respiratory disorders, central nervous system effects

FIRST AID PROCEDURES

EYES Flush with water for at least 15 minutes
SKIN CONTACT Wash with soap, large volumes of water
INGESTION Do not induce vomiting; keep individual calm; never administer adrenalin following overexposure
INHALATION Remove to fresh air

5. HEALTH EFFECTS DATA (continued)

SPECIAL HEALTH EFFECTS
CARCINOGEN (OSHA Guidelines) Presently not on any list

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES High temperatures, strong oxidizers, active metals
HAZARDOUS DECOMPOSITION PRODUCTS CO₂, CO, and products of incomplete combustion
HAZARDOUS POLYMERIZATION Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS Safety glasses, ventilation sufficient to maintain vapor concentrations below TLV
WASH REQUIREMENTS Wash with soap and water
SPILL OR LEAK PROCEDURES Use absorbent sweeping compound to soak up material, put into container, dispose as hazardous waste
WASTE DISPOSAL METHODS Dispose as hazardous waste in accordance with EPA RCRA
HANDLING & STORAGE Store below 120°F. Keep away from heat, sparks, or open flame
OTHER PRECAUTIONS When spraying more than half a can continuously or more than one can consecutively, use NIOSH approved respirator

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARENTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL
MIDWEST**
Your Partner in Performance