



SF1642

Alkyl Modified Silicone Polymer, Wax Pastilles

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Waterford Plant
260 Hudson River Rd
Waterford NY 12188

Revised: 04/11/2008
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use:
Formula: Alkyl modified silicone polymer

HMIS

Flammability: 1 Reactivity: 0 Health: 0

NFPA

Flammability: 1 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! May cause eye irritation due to nuisance dust.

Form: Solid Color: Tan Odor: nearly odourless

POTENTIAL HEALTH EFFECTS

INGESTION

No adverse effects are expected under normal conditions of use.

SKIN

No adverse effects are expected under normal conditions of use.

INHALATION

No adverse effects are expected under normal conditions of use.

EYES

May cause eye irritation due to nuisance dust.

MEDICAL CONDITIONS AGGRAVATED

None known.

SUBCHRONIC (TARGET ORGAN)

None known.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.



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ROUTES OF EXPOSURE

Eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
Mixed Cyclosiloxanes	69430-24-6	5 - 10 %
<u>B. NON-HAZARDOUS</u>		
Siloxanes & Silicones, Dimethyl -	192390-10-6	60 - 90 %
Alkenes	131459-42-2	10 - 30 %

4. FIRST AID MEASURES

INGESTION

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SKIN

Wash off with soap and water. Obtain medical attention if irritation persists.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 100 °C; 212 °F
METHOD: closed cup
FLAMMABLE LIMITS IN AIR - LOWER (%): No data available

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FLAMMABLE LIMITS IN AIR - UPPER (%): No data available

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE
Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA
All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard.

ENVIRONMENTAL PRECAUTIONS
Prevent runoff.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Avoid contact with skin and eyes. Keep away from children. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 10 of MSDS for details.

STORAGE
Store away from heat, sources of ignition, and incompatibles. Keep container closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS
Eyewash stations; Showers; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

RESPIRATORY PROTECTION
If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or



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emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Impermeable or chemical resistant gloves.

EYE AND FACE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	No data available
VAPOR PRESSURE (20 C) (MM HG):	No data available
VAPOR DENSITY (AIR=1):	No data available
PHYSICAL STATE:	Solid
ODOR:	nearly odourless
COLOR:	Tan
EVAPORATION RATE (BUTYL ACETATE=1):	Negligible
SPECIFIC GRAVITY (WATER=1):	1
DENSITY:	ca. 1.0 g/cm ³
ACID / ALKALINITY (MEQ/G):	No data available
VOLATILE ORGANIC CONTENT (VOL):	No data available
SOLUBILITY IN WATER (20 C):	Insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Insoluble

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur



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HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; Silicon dioxide.; Formaldehyde; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: No data available

ACUTE DERMAL

Remarks: No data available

ACUTE INHALATION

Remarks: No data available

OTHER

No data available

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No data available



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DISTRIBUTION

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

EU list of existing chemical substances	y (Positive listing)	
Australia Inventory of Chemical Substances (AICS)	q (quantity restricted)	
Korea Existing Chemicals Inventory (KECI)	y (Positive listing)	
Japan Inventory of Existing & New Chemical Substances (ENCS)	q (quantity restricted)	
TSCA list	y (Positive listing)	On TSCA Inventory
Canada DSL Inventory	y (Positive listing)	
Canada NDSL Inventory	n (Negative listing)	
China Inventory of Existing Chemical Substances	y (Positive listing)	
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	q (quantity restricted)	

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information



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SARA (311,312) HAZARD CLASS

No SARA Hazards

SARA (313) CHEMICALS

CALIFORNIA PROPOSITION 65

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

Canadian Regulatory Information

WHMIS HAZARD CLASS

Non-controlled.

16. OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate., C = ceiling limit NEGL = negligible EST = estimated NF = none found
NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor SKN = skin TS = trade secret R = recommended MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).