



MOMENTIVE
performance materials

Version: 1.3
07/02/2007

SE6250 0BB-Box
SILICONE RUBBER COMPOUNDING BA

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

Revised: 07/02/2007
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Silicone Rubber
Formula: Mixture

HMIS
Flammability: 0 Reactivity: 0 Health: 0 Prot. Equipm.:

NFPA
Flammability: 0 Reactivity: 0 Health: 1 Special Haz.:

2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>PRODUCT COMPOSITION</u> | <u>CAS REG NO.</u> | <u>WGT. %</u> |
|------------------------------------|--------------------|---------------|
| <u>A. HAZARDOUS</u> | | |
| Octamethylcyclotetrasiloxane | 556-67-2 | < 1 % |
| <u>B. NON-HAZARDOUS</u> | | |
| Vinyl stopped Polydimethylsiloxane | 68083-18-1 | 60 - 90 % |
| Treated fumed silica | 68583-49-3 | 10 - 30 % |
| Silica | 7631-86-9 | 5 - 10 % |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
CAUTION! May cause eye irritation.
Form: solid Color: translucent Odor: None/Slight

POTENTIAL HEALTH EFFECTS

INGESTION
No adverse effects are expected under normal conditions of use.

SKIN
Plant experience has shown that skin hazard is not applicable in this form.



MOMENTIVE

performance materials

Version: 1.3

07/02/2007

SE6250 0BB-Box

SILICONE RUBBER COMPOUNDING BA

INHALATION

No adverse effects are expected under normal conditions of use.

EYES

May cause mild eye irritation.

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.

ROUTES OF EXPOSURE

None known.

4. FIRST AID MEASURES

INGESTION

Do NOT induce vomiting. If victim is conscious, give 2-4 glasses of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

SKIN

Wash off with soap and water.

INHALATION

Move person to fresh air. Seek medical attention if symptoms of exposure develop.

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

None known.

5. FIRE-FIGHTING MEASURES

FLASH POINT:

ca. 315 °C; 599 °F

METHOD:

IGNITION TEMPERATURE:

Not applied

FLAMMABLE LIMITS IN AIR - LOWER (%):

Not applicable

FLAMMABLE LIMITS IN AIR - UPPER (%):

Not applicable



MOMENTIVE

performance materials

SE6250 0BB-Box

SILICONE RUBBER COMPOUNDING BA

Material Safety Data Sheet

Version: 1.3

07/02/2007

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. Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

STORAGE

Store away from heat, sources of ignition, and incompatibles.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Curing releases vapors which may be harmful. Use only in well-ventilated areas. Avoid contact with eyes. Keep away from children. May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 10 of MSDS for details.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations; Exhaust ventilation

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

PROTECTIVE GLOVES

Impermeable or chemical resistant gloves.



MOMENTIVE
performance materials

Version: 1.3
07/02/2007

**SE6250 0BB-Box
SILICONE RUBBER COMPOUNDING BA**

EYE AND FACE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

| <u>Component</u> | <u>CAS RN</u> | <u>Source</u> | <u>Value</u> |
|----------------------|---------------|------------------|--------------------------|
| Treated fumed silica | 68583-49-3 | ACGIH, TWA | Respirable dust. 3 mg/m3 |
| Treated fumed silica | 68583-49-3 | ACGIH, TWA | Inhalable dust. 10 mg/m3 |
| Treated fumed silica | 68583-49-3 | OSHA Z1, TWA PEL | Respirable dust. 5 mg/m3 |
| Treated fumed silica | 68583-49-3 | OSHA Z1, TWA PEL | Total dust. 15 mg/m3 |

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:

VAPOR PRESSURE (20 C) (MM HG):

No data available

VAPOR DENSITY (AIR=1):

No data available

FREEZING POINT:

No data available

MELTING POINT:

No data available

PHYSICAL STATE:

solid

ODOR:

None/Slight

COLOR:

translucent

EVAPORATION RATE (BUTYL ACETATE=1):

SPECIFIC GRAVITY (WATER=1):

ca. 1.2

DENSITY:

ca. 1.2 g/cm3

ACID / ALKALINITY (MEQ/G):

No data available

pH:

No data available

VOLATILE ORGANIC CONTENT (VOL):

SOLUBILITY IN WATER (20 C):

Insoluble

SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):

Insoluble in water

VOC EXCL. H2O & EXEMPTS (G/L):



MOMENTIVE

performance materials

Material Safety Data Sheet

Version: 1.3

07/02/2007

SE6250 0BB-Box

SILICONE RUBBER COMPOUNDING BA

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide; formaldehyde; Silicon dioxide.; 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: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

OTHER

A two year combined chronic/carcinogenicity study was conducted on octamethylcyclotetrasiloxane with inhalative exposure. At the highest test concentration of 700 ppm an increase of uterine adenomas (benign tumors) was observed in some of the female rats, no effects were observed in male rats. The test concentration of 700 ppm greatly exceeds typical workplace exposure (industry proposed exposure limit: 10 ppm).

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available



MOMENTIVE

performance materials

Version: 1.3

07/02/2007

SE6250 0BB-Box

SILICONE RUBBER COMPOUNDING BA

MUTAGENICITY

Unknown

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY

Ecotoxicological data for this product is not available.

CHEMICAL FATE

No data available

DISTRIBUTION

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:

Keep away from food and drink. 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

| | |
|--|----------------------|
| Canada DSL Inventory | y (Positive listing) |
| TSCA list | y (Positive listing) |
| Canada NDSL Inventory | n (Negative listing) |
| Japan Inventory of Existing & New Chemical Substances (ENCS) | n (Negative listing) |
| Korea Existing Chemicals Inventory (KECI) | y (Positive listing) |
| EU list of existing chemical substances | y (Positive listing) |
| China Inventory of Existing Chemical Substances | n (Negative listing) |
| Australia Inventory of Chemical Substances (AICS) | n (Negative listing) |



MOMENTIVE
performance materials

Version: 1.3
07/02/2007

**SE6250 0BB-Box
SILICONE RUBBER COMPOUNDING BA**

Philippines Inventory of Chemicals and Chemical Substances (PICCS) n (Negative listing)

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

US Regulatory Information

| | | |
|-----------------------------------|------------------------|--|
| CERCLA | | |
| <u>PRODUCT COMPOSITION</u> | <u>Chemical</u> | <u>CERCLA Reportable Quantity</u> |

CLEAN AIR ACT

CLEAN WATER ACT

SARA SECTION 302

SARA (311,312) HAZARD CLASS
No SARA Hazards

SARA (313) CHEMICALS

Canadian Regulatory Information

WHMIS HAZARD CLASS
D2A VERY TOXIC MATERIALS

Other

SCHDLE B/HTSUS:

ECCN:

CALIFORNIA PROPOSITION 65

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

71-43-2, Benzene. 108-88-3, Toluene.

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



MOMENTIVE

performance materials

Material Safety Data Sheet

Version: 1.3

07/02/2007

SE6250 0BB-Box

SILICONE RUBBER COMPOUNDING BA

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).