

Material Safety Data Sheet

Version: 1.1
06/28/2010

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SILICONE RUBBER COMPOUND 3D-BROWN

Manufactured By and/or Sold By:

Conley Casting Supply, Inc
124 Maple Street
Warwick, RI 02888
Ph: 401-785-9500
Fax: 401-781-9420

Revised: 06/18/2010

CHEMTREC 1-800-424-9300
Chemical Family/Use: Silicone Rubber
Formula: Mixture

HMIS

Flammability: 0 Reactivity: 0 Health: 0 Protection Equipment.:

NFPA

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

2. COMPOSITION INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS REG NO.	WGT. %
A. HAZARDOUS		
B. NON-HAZARDOUS		
Vinyl stopped Polydimethylsiloxane	68083-18-1	25 - 40 %
Ground Quartz	14808-60-7	60 - 75%
Amorphous Silica	68583-49-3	10 - 30 %
Dimethylpolysiloxane	70131-67-8	1 - 5 %

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! May cause eye irritation. May generate formaldehyde at temperatures greater than 150 C (300F). See Section 3 of MSDS for details.

Form: solid

Color: Brown

Odor: None/Slight

POTENTIAL HEALTH EFFECTS

INGESTION

None known.

SKIN

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

INHALATION

None known.

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 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

None known.

OTHER

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.

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:

METHOD: NA

IGNITION TEMPERATURE:**FLAMMABLE LIMITS IN AIR - LOWER (%):** NA**FLAMMABLE LIMITS IN AIR - UPPER (%):** NA**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.

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 29CFR 1910.134).

PROTECTIVE GLOVES

Cloth 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**

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: NA

VAPOR PRESSURE (20 C) (MM HG):

VAPOR DENSITY (AIR=1):

FREEZING POINT: NA

MELTING POINT: NA

PHYSICAL STATE: solid

ODOR: None/Slight

COLOR: Brown

EVAPORATION RATE (BUTYL ACETATE=1):

SPECIFIC GRAVITY (WATER=1): ca. 2.10

DENSITY (KG/M3): ca. 1,100 KG/M3

ACID / ALKALINITY (MEQ/G):

PH:

VOLATILE ORGANIC CONTENT (VOL):

SOLUBILITY IN WATER (20 C): insoluble

SOLUBILITY IN ORGANIC SOLVENT (STATE

SOLVENT):

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

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

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

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Unknown

ACUTE DERMAL

Unknown

ACUTE INHALATION

Unknown

OTHER

None.

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available

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

Not Regulated if Section is Blank

15. REGULATORY INFORMATION

US Regulatory Information

CERCLA

PRODUCT COMPOSITION Chemical CERCLA Reportable Quantity

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

NON-CONTROLLED

Other

SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form

ECCN: EAR99

CALIFORNIA PROPOSITION 65

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 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 By-product = reaction by-product; TSCA inventory status not required under 40 CFR part 720.30(h-2) SKN = skin TS = trade secret R = recommended MST = mist ST = short term exposure limit NT = not tested ppm = parts per million ppb = parts per billion