

**LE-45/TPD/209KG
Polydimethylsiloxane Emulsion****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufactured By: Sistersville Plant
3500 South State Route 2
FRIENDLY WV 26146

Revised: 02/24/2011

Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Emulsion
Formula: Polydimethylsiloxane emulsion

HMIS

Flammability: 0 Reactivity: 0 Health: 1

NFPA

Flammability: 0 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

WARNING! Causes eye irritation.

Form: Liquid**Color:** White**Odor:** Mild**POTENTIAL HEALTH EFFECTS****INGESTION**

None known.

SKIN

May cause minor irritation. May cause the following effects: Itching - slight local redness

INHALATION

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

EYES

May cause irritation. May cause the following effects: - stinging - excess blinking - tear production - excess redness of the conjunctivae - swelling of the conjunctivae Injury to the cornea is not expected.

MEDICAL CONDITIONS AGGRAVATED

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

SUBCHRONIC (TARGET ORGAN)

None known.

**LE-45/TPD/209KG
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For additional information, please see Section 11, Toxicological Information.

ROUTES OF EXPOSURE

Eye

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
Alcohol Ethoxylate	Trade secret	1 - 5 %
<u>B. NON-HAZARDOUS</u>		
Water	7732-18-5	60 - 100 %
Polydimethylsiloxane	63148-62-9	30 - 60 %

4. FIRST AID MEASURES**INGESTION**

Do NOT induce vomiting. If victim is conscious, give 2-4 glasses of water. Do not give victim anything to drink if he is unconscious. Get medical attention.

SKIN

Wash area with soap and water. Get medical attention if symptoms occur.

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

Rinse immediately with plenty of water. Get medical attention if symptoms persist.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

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FLASH POINT: does not flash
FLAMMABLE LIMITS IN AIR - LOWER (%): No data available.
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. Wear proper protective equipment as specified in the protective equipment section.

ENVIRONMENTAL PRECAUTIONS

Do not allow runoff to sewer, waterway or ground.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Avoid contact with skin and eyes. Keep out of reach of children. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150 C(300 F).

STORAGE

Keep container tightly closed. Keep from freezing.

FURTHER INFORMATION ON STORAGE CONDITIONS

RECOMMENDED STORAGE BETWEEN 35F (2C) AND 80F(26 C).

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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

Use only in well-ventilated areas. 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

Impermeable or chemical resistant gloves.

EYE AND FACE PROTECTION

Safety glasses with side shields

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; INTL REL - Internal Recommended Exposure Limit

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:	> 100 °C; > 212 °F; Mixture
VAPOR PRESSURE (20 C) (MM HG):	< 20.30
VAPOR DENSITY (AIR=1):	Heavier than air
FREEZING POINT:	0 °C; 32 °F; ca.
PHYSICAL STATE:	Liquid
Odor:	Mild
Color:	White
EVAPORATION RATE (BUTYL ACETATE=1):	< 1
SPECIFIC GRAVITY (WATER=1):	0.9710
DENSITY:	0.9710 g/cm ³
pH:	No data available.
SOLUBILITY IN WATER (20 C):	Dispersible
VOC EXCL. H₂O & EXEMPTS (G/L):	0 g/l

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10. STABILITY AND REACTIVITY**STABILITY**

Stable

HAZARDOUS POLYMERIZATION

Hazardous polymerisation does not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

After evaporation of water, combustion will generate:; Carbon oxides; Oxides of silicon.; Formaldehyde.; Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant.; Acute overexposure to the products of combustion may result in irritation of the respiratory tract.; 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**OTHER EFFECTS OF OVEREXPOSURE**

No adverse effects anticipated from available information.

12. ECOLOGICAL INFORMATION**ECOTOXICOLOGY**

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHOD**

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

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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**

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

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

US Regulatory Information**SARA (311,312) HAZARD CLASS**

Acute Health Hazard

SARA (313) CHEMICALS**CALIFORNIA PROPOSITION 65**

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

Canadian Regulatory Information**WHMIS HAZARD CLASS**

- Non-controlled.

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Other**SCHDLE B/HTSUS:** 3910.00.0000 Silicones in primary forms**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).