

## SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

**Section 1: Identification****Product Name** : LK-EM 60**Common Name** : Dimethyl Polysiloxane emulsion**Manufacturer or supplier's details****Company name of supplier** : ELKAY CHEMICALS PVT. LTD.**Address** : J-152/153, M.I.D.C BHOSARI, PUNE-411026, INDIA**Telephone No.** : +91-20-30624165/66/67/68

Fax No. : +91-20-30635300

Emergency Telephone No: +91-20-30624165

**Recommended use of chemical** : Lubricants and lubricant additives, Anti-set off and adhesive agents.**Section 2: Hazard(s) Identification****GHS Hazard Classification**

Eye irritation : Category 1

Reproductive toxicity : Category 2

**Signal Word**

Danger

**Hazard statement(s)**

H318 Causes serious eye damage.

**Pictogram label elements****Precautionary statement(s)****General:**

Not applicable

**Prevention:**

Wear eye or face protection.

Wash hands thoroughly after handling.

**Response:****IF IN EYES:**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or physician.

**Storage:**

Not applicable



## SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

Disposal:  
Not applicable

**Other Hazards:** None Known

**Section 3: Composition/Information on Ingredients**

<b>Substance</b>	Mixture
<b>Substance name /CAS No/ %concentration</b>	: Polydimethylsiloxane, -63148-62-9 - > 50%
	Alkyl alcohol ethoxylate -68439-49-6 - <10%
<b>Chemical Nature</b>	: Silicone emulsion.

**Section 4: First-Aid Measures****Description of first aid measures****If inhaled**

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**In case of skin contact**

Wash with water and soap as a precaution. Get medical attention if symptoms occur.

**In case of eye contact**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention immediately.

**If swallowed**

If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

**Most important symptoms or effects, and any symptoms that are acute or delayed**

Causes serious eye damage. Suspected of damaging fertility or the unborn child.

**Protection of first-aiders**

First Aid responders should pay attention of self-protection, and use the recommended personal protective equipment when the potential for exposure exists.



## SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

**Section 5: Fire-Fighting Measures****Extinguishing media****Suitable Extinguishing media**

Water spray, Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable Extinguishing media**

None known

**Specific hazards that develop from the chemical during the fire, such as any hazardous**

In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous combustion products**

Carbon oxides, Silicon oxides, Formaldehyde

**Special protective actions for fire fighters**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

**Recommendations on special protective equipment or precautions for firefighters.**

In the event of fire, wear self-contained breathing apparatus, use personal protective equipment.

**Section 6: Accidental Release Measures****Personal precautions , protective equipment and emergency procedures**

Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations

**Environmental precautions**

Discharge into the environment must be avoided

Prevent further leakage or spillage if safe to do so

Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

**Methods and materials used for containment and cleanup**

Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine, Which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.



## SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

**Section 7: Handling and Storage****Precautions for safe handling**

Avoid inhalation of vapor or mist, Do not swallow, Do not get in eyes, Avoid prolonged or repeated contact with skin, Handle in accordance with good industrial safety regulation

**Conditions for safe storage, including any incompatibilities**

Keep in properly labeled container. Store in accordance with the particular national regulations.

**Requirements for storage areas and containers**

Keep container tightly closed, properly labeled, Keep cool. Protect from sunlight.  
Store in accordance with the particular national regulations.

**Advice on common storage**

Do not store with the following product types : Strong oxidizing agent

**Section 8: Exposure Controls/Personal Protection****Control parameters****Occupational exposure limit values**

None

**Appropriate engineering controls**

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to acceptable levels.

**Personal protective equipment**

Eye equipment : Tightly fitting safety goggles

Hand protection : Use gloves. Dispose of contaminated gloves

Skin protection : Wear suitable protective clothing. Skin should be washed after contact

Respiratory protection : General and local exhaust ventilation is recommended to; maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying



## SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other Circumstance where air purifying respirators may not provide adequate protection.

**Section 9: Physical and Chemical Properties**

Physical state	Liquid.
Colour	White.
Odor	Faint odor.
Viscosity @ 25 °C (cps)	Not applicable
Specific gravity @ 25 °C	0.98-1.0
pH	6-8
Solubility in water	Dispersible
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Upper/lower flammability or explosive limits (solid & gas)	No data available

**Section 10: Stability and Reactivity****Reactivity**

Stable under normal conditions

**Chemical stability**

Material is stable under normal conditions

**Possibility of hazardous reaction**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid**

None known

**Incompatible materials**

None known

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.



## SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

**Section 11: Toxicological Information**

Information on toxicological effects

Acute toxicity

Not determined

Skin corrosion

Not determined

Serious eye damage/eye irritation

Not determined

Respiratory or skin sensitization

Not determined

Carcinogenicity

Not determined

**Section 12: Ecological Information (non-mandatory)****Ecotoxicity**

**Conclusion /summary**

Not available

**Persistence/degradability**

**Conclusion /summary**

Not available

**Mobility in soil**

**Soil /water partition coefficient(KOC)**

Not available

**Other adverse effects**

No known significant effects or critical hazards.

**Section 13: Disposal Considerations (non-mandatory)****Disposal methods**

**Resource Conservation and Recovery Act (RCRA)**

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.



## SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

**Waste from residues**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Dispose of as unused product. Empty containers should be taken to an approved waste handling Site for recycling or disposal.

**Section 14: Transport Information (non-mandatory)****International Regulation****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Domestic regulation****49 CFR**

Not regulated as a dangerous good

**Section 15: Regulatory Information (non-mandatory)****United states****US. federal regulations****United States-TSCA 12(b) – Chemical export notification:**

None required

**United States-TSCA 5(a) 2 – Final significant new use rules:**

Not listed

**United States-TSCA 5(a) 2 – Proposed significant new use rules:**

Not listed

**United States-TSCA 5(e) – Substance consent order:**

Not listed

SAFETY DATA SHEET

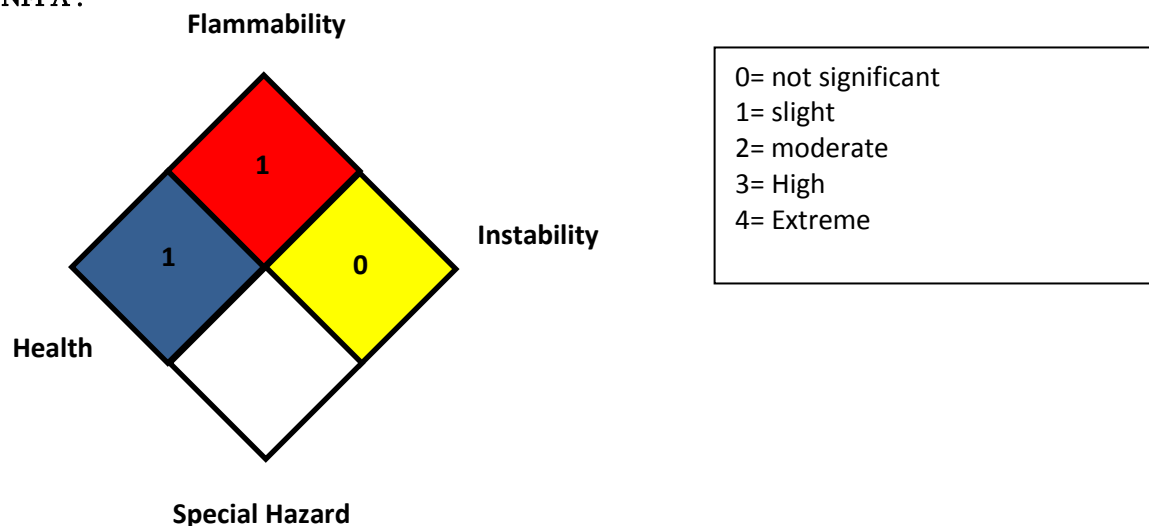
FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

**Section 16: Other Information**

NFPA :



The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in process unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage including an assessment of the appropriateness of the SDS material in the users end product

**Recommended uses and restrictions**

Please consult the technical data sheet of product for more information.

The opinions expressed herein are those of qualified experts within Elkay. We believe that the information contained herein is current as of the date of this safety data sheet. Since the use of this information, opinions and the conditions of use of this product are not within the control of Elkay, it is the user's obligations to determine the condition of safe use of the products.

SDS Dated : 1<sup>st</sup> June 2015