

LSR 2615 A/DRUM/200KG

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

GHS Product identifier: LSR 2615 A

Recommended use of the chemical and restrictions on use

Recommended use: Silicone Elastomer (A)

Recommended restrictions: For industrial use only.

Supplier's details

Manufacturer/Importer/Distributor Information : Momentive Performance Materials (Shanghai) Trading Co., Ltd.
No. 227 Libing Road Zhangjiang Hi-tech Park, Pudong
201203 Shanghai
China

Contact person : commercial.services@momentive.com

Telephone : +86-21-3860-4500

Telefax : +86-21-5079-3707

Emergency telephone number : +86-532-8388-9090 (National Registration Center for Chemicals, SAWS)

+86-512-8090-3042 (CareChem24)

Responsible Department : Product Stewardship & Compliance

2. Hazard(s) identification

Emergency Overview

Appearance

Color: Translucent

Form: Paste

Physical state: liquid

Odor: Odorless

GHS classification of substance or mixture, and national or regional information

Not classified

GHS label elements

Hazard symbol(s): No symbol

Signal Word: Not available.

Hazard Statement(s): not applicable

Precautionary statement(s): not applicable

Other hazards which do not result in GHS classification: None.

MSDS_

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Supplemental label information None.

3. Composition/information on ingredients

Chemical nature: Polydimethylsiloxane containing vinyl groups, with Platinum catalyst and inhibitors.

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Silica	7631-86-9	>=20 - <=30%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

4. First-aid measures

Description of necessary first-aid measures

Inhalation: Get medical attention if symptoms persist.

Skin Contact: Wash with soap and water. Get medical attention if symptoms occur.

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

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention.

Personal Protection for First-aid Responders: No data available.

Most important symptoms/effects, acute and delayed

Symptoms: Treatment is symptomatic and supportive.

Hazards: No data available.

Notes to physician

Treatment: Treatment is symptomatic and supportive.

5. Fire-fighting measures

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General Fire Hazards: Remove sources of combustibles. Extinguish the fire using fire-fighting media listed above. Cool surrounding tanks, buildings and so on by spraying with water to prevent the fire extension.
 The fire fighting should be done from the windward side, with suitable respiratory protective device, if necessary.

Means of fire extinguishing
Suitable extinguishing media: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

Specific hazards arising from the chemical: In case of fire, carbon monoxide and carbon dioxide may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Take precautionary measures against static discharges. All equipment used when handling the product must be grounded.

Special protective equipment for fire-fighters: No data available.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep unprotected persons away. Use personal protective equipment. Keep upwind.

For non-emergency personnel: Do not allow runoff to sewer, waterway or ground.

For emergency responders: Do not allow runoff to sewer, waterway or ground.

Environmental Precautions: Do not allow runoff to sewer, waterway or ground.

Methods and material for containment and cleaning up: Put in an empty container for recovery after preventing spill by sand or sandbags, if the amount of spill is large. Put in an empty container for recovery after wiping or soaking up in an inert material, if the amount of spill is small.

Notification Procedures: Remove sources of ignition.

7. Handling and storage

Precautions for safe handling: Wear appropriate personal protective equipment. Keep away from sources of ignition - No smoking. Avoid contact with organic compounds containing nitrogen, sulfur, phosphorus, tin and lead, soldering flux, polyvinyl chloride, polyurethane as it may lead to incomplete curing.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed and in a well-ventilated place. Keep away from food, drink and animal feeding stuffs.

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8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
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This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

Biological Limit Values

None of the components have assigned exposure limits.

Appropriate Engineering Controls:

Provide adequate general and local exhaust ventilation. Eyewash bottle with clean water.

Individual protection measures, such as personal protective equipment

General information: Eyewash bottle with clean water. When using do not eat, drink or smoke. Wash hands after handling.

Eye/face protection: Safety glasses with side shields

Skin Protection

Hand Protection: Chemical resistant gloves

Other: Wear suitable protective clothing and eye/face protection.

Respiratory Protection: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Hygiene measures: Observe good industrial hygiene practices. When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid contact with skin and eyes.

9. Physical and chemical properties

Appearance

- Physical state:** liquid
- Form:** Paste
- Color:** Translucent
- Odor:** Odorless
- Odor threshold:** No data available.
- pH:** not applicable
- Melting point/freezing point:** No data available.
- Initial boiling point and boiling range:** No data available.
- Flash Point:** 230 °C

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Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Density:	1.10 g/cm ³ (23 °C)
Relative density:	1.10 (23 °C)
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Specific gravity:	No data available.

10. Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
Conditions to avoid:	Keep away from heat, sparks and open flame.
Incompatible Materials:	The catalysis of strong acids or bases cause polymerization or decomposition.
Hazardous Decomposition Products:	In case of fire, gives off (emits): Carbon Monoxide. Carbon dioxide Silicon dioxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.
Other information:	No data available.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.

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Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Information on toxicological effects

Acute toxicity

Oral

Product: ATEmix: 13,769.25 mg/kg

Specified substance(s):

Silica LD 50 (Rat): > 15,000 mg/kg

Dermal

Product: No data available.

Inhalation

Product: No data available.

Repeated dose toxicity

Product: No data available.

Skin irritation and corrosion

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Specified substance(s):

Silica No data available. (Rabbit): not irritating (not classified according to the German Dangerous Substances legislation)

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

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Germ Cell Mutagenicity

In vitro
Product: No data available.

In vivo
Product: No data available.

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.

Aspiration Hazard
Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity

Acute hazards to the aquatic environment

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Chronic hazards to the aquatic environment

Fish
Product: No data available.

Specified substance(s):
Silica LC0 (Brachydanio rerio, 4 d): 5,000 mg/l

Aquatic Invertebrates
Product: No data available.

Toxicity to Aquatic Plants
Product: No data available.

Persistence and Degradability

Biodegradation
Product: No data available.

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BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Silica No data available.

Other adverse effects: No data available.

13. Disposal considerations

General information: Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

Disposal methods

Disposal instructions: According to local regulations, can be taken to an appropriate incinerator equipped with exhaust gas cleaning.

Contaminated Packaging: Dispose of as unused product.

14. Transport information

National Regulations

China

Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

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Special precautions for user: Keep away from foodstuffs and animal feed. This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. Regulatory information

National Regulations

The following regulations, rules or standards set forth the requirement for the classification, labeling, use, handling, storage and transportation of chemicals.

Regulations on Safety Administration of Hazardous Chemicals, Decree No.591 of the State Council

Catalogue of Hazardous Chemicals (2015 Version)

Regulation of Safety Use Chemicals at Workplace

Regulations on Labor Protection in Workplaces Where Toxic Products Are Used

GB/T 16483: #Safety data sheet for chemical products - Content and order of sections#

GB/T 17519: Guidance on the compilation of safety data sheets for chemical products

GB 15258:#General rules for preparation of precautionary label for industrial chemicals#

GB 30000.2 ~ GB 30000.29: Rules for classification and labelling of chemicals

GB 13690:#General rule for classification and hazard communication of chemicals#

GB 12268:#List of dangerous goods#

GB 6944:#Classification and code of dangerous goods#

GB 190 #Labels for packages of dangerous goods#

GBZ 2.1#Occupational Exposure Limits for Hazardous Agents in the Workplace, Part 1, Chemical Hazardous Agents #

International regulations

Montreal Protocol

not applicable

Stockholm convention

not applicable

Rotterdam Convention

not applicable

Kyoto Protocol

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not applicable

Inventory Status:

Australia AICS:	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	On or in compliance with the inventory	Remarks: None.
EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.

16.Other Information

Issue Date:	2017/12/13
Revision Date:	No data available.No data available.
Version #:	2.0
Further Information:	No data available.
References:	No data available.

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Disclaimer:

Notice to reader

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safehandling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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