

OTTO CHEMIE PVT LTD

An ISO 9001 : 2015 & GMP Certified Company
101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate,
Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841
Email : info@ottokemi.com Web : www.ottokemi.com

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1 Product identifiers

Eudragit RL-100
Code: E 1673

SECTION 2.Hazard identification

2.1 Classification of the substance or mixture
no data available
2.2 GHS label elements, including precautionary statements
Pictogram(s) no data available
Signal word no data available
Hazard statement(s) no data available
Precautionary statement(s)
Prevention no data available
Response no data available
Storage no data available
Disposal no data available
2.3 Other hazards which do not result in classification
no data available

SECTION 3.Composition/information on ingredients

3.1 Substances

Chemical name	Common names and synonyms	CAS numbe	EC number	Concentration
poly(methyl acrylate) macromolecule	poly(methyl acrylate) macromolecule	9003-21-8	none 1	100%

SECTION 4.First-aid measures

4.1 Description of necessary first-aid measures
General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4.2 Most important symptoms/effects, acute and delayed
no data available
4.3 Indication of immediate medical attention and special treatment needed, if necessary
no data available

SECTION 5.Fire-fighting measures

5.1 Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2 Specific hazards arising from the chemical
no data available
5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

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SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and storage

SECTION 1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

Wear dust mask when handling large quantities.

Thermal hazards

no data available

SECTION 9. Physical and chemical properties

Physical state

no data available

Colour

no data available

Odour

no data available

Melting point/

no data available

freezing point

Boiling point or

initial boiling point

no data available

and boiling range

Flammability

no data available

Lower and upper

no data available

explosion limit /

flammability limit

Flash point

no data available

Auto-ignition

no data available

temperature

Decomposition

no data available

Temperature

no data available

pH

no data available

Kinematic

viscosity no data available

Solubility

no data available

Partition coefficient

no data available

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n-octanol/water (log value)
Vapour pressure no data available
Density and/or relative density no data available
Relative vapour no data available
Density no data available
Particle no data available
Characteristics

SECTION 10. Stability and reactivity

10.1 Reactivity
no data available
10.2 Chemical stability
Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions
no data available
10.4 Conditions to avoid
no data available
10.5 Incompatible materials
no data available
10.6 Hazardous decomposition products
no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals:
Oral LD50 Rat: 1500 mg/kg; Dermal LD50 Rabbit: 2000mg/kg
Inhalation LC50 Rat: > 50mg/L.
Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH.
Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant).
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available

SECTION 12. Ecological information

12.1 Toxicity
Toxicity to fish: no data available
Toxicity to daphnia and other aquatic invertebrates: no data available
Toxicity to algae: no data available
Toxicity to microorganisms: no data available
12.2 Persistence and degradability
no data available
12.3 Bioaccumulative potential
no data available
12.4 Mobility in soil
no data available
12.5 Other adverse effects
no data available

SECTION 13. Disposal considerations

13.1 Disposal methods
Product
The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
Contaminated packaging
Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

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SECTION 14. Transport information

14.1 UN Number
ADR/RID: no data available IMDG: no data available IATA: no data available
14.2 UN Proper Shipping Name
ADR/RID: no data available
IMDG: no data available
IATA: no data available
14.3 Transport hazard class(es)
ADR/RID: no data available IMDG: no data available IATA: no data available
14.4 Packing group, if applicable
ADR/RID: no data available IMDG: no data available IATA: no data available
14.5 Environmental hazards
ADR/RID: no IMDG: no IATA: no
14.6 Special precautions for user
no data available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
no data available

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS numbe	EC number	Concentration
poly(methyl acrylate) macromolecule	poly(methyl acrylate) macromolecule	9003-21-8	none 1	100%
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed	
EC Inventory			Not Listed	
United States Toxic Substances Control Act (TSCA) Inventory			Listed	
China Catalog of Hazardous chemicals 2015			Not Listed	
New Zealand Inventory of Chemicals (NZIoC)			Not Listed	
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed	
Vietnam National Chemical Inventory			Not Listed	
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed	

Section 16: Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.

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