

Material Safety Data Sheet

1. Product Identification

Product name: Nano Rubber Liquid

Identified uses : It's used as an insulating material for cement, iron and wooden surfaces.

it's used to isolate sewage pipes.

Uses advised against : No specific uses advised against are identified.

Supplier : KEMET Castillo Coating & Painting

Office Address: 32 Asmaa Fahmy ST, Nasr City, Cairo, Egypt

Factory Adress : El Tibbein , El Saff , Atfeih Road , Helwan , Cairo , Egypt



2. Composition/Information on ingredients

Chemical nature

mixture of natural Rubber and tio2: casno. 9003-01-4

Hazardous components

None according to eu directive 1999/45/EC

3. Hazards Identification

3.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Not classified.

Environment Not classified.

Classification (1999/45/EEC) Not classified.

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3.2. Label elements

Label In Accordance With (EC) No. 1272/2008





No pictogram required.

Precautionary	P102 Keep out of reach of children.
Statements	P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

Supplemental label information contact lenses, if present and easy to do. Continue rinsing. contains mixture of natural latex and other adhesive. May cause stick if it is spills or fall.

4. First Aid Measures

4.1. Description of first aid measures

 EYES	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
 SKIN	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
 INGESTION	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse nose, mouth, and throat with water. Get medical attention if any discomfort continues.
 INHALATION	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed.

General information

No significant symptoms are expected due to the non-hazardous nature of the product.

4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

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5. Fire Fighting Measures

5.1. Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture.

Hazardous combustion products
 During fire, toxic gases
 (CO, CO₂) are formed
 Unusual Fire & Explosion Hazards
 No unusual fire or explosion hazards noted.
 Specific hazards
 Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters



Special Fire Fighting Procedures
 Avoid breathing fire vapors.
 Protective equipment for fire-fighters
 wear full protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	Avoid discharge into drains.
Methods and material for containment and cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.
Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet.

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7. Handling and Storage

 Precautions for safe handling	Avoid spilling, skin and eye contact
 Conditions for safe storage, including any incompatibilities.	Store in tightly closed original container in a dry, cool, and well-ventilated place. Keep in original container.

8. Exposure Control/Personal Protection

Control parameters	Ingredient Comments
Exposure controls	<p>No exposure limits noted for ingredient(s).</p> <p>Protective equipment</p> <p>Engineering measures</p> <p>Provide adequate ventilation.</p> <p>Respiratory equipment</p> <p>No specific recommendations.</p> <p>Hand protection</p> <p>Use protective gloves.</p> <p>Eye protection</p> <p>Wear approved safety goggles.</p> <p>Other Protection</p> <p>Wear appropriate clothing to prevent any possibility of skin contact.</p> <p>Hygiene measures</p> <p>Wash hands after contact. Wash hands at the end of each work shift and before eating, smoking and using the toilet.</p>

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9. Physical and Chemical Properties

APPEARANCE	
Physical Form	liquid
Odour	Mild
pH-Value, Conc. Solution	7.9
Color	White Milky
Relative density	1.23g/cm ³
Cocentration	67.3%
Solubility in water	Miscible with water
Flammability	None Flammable
Explosive propertis	Not available
Okidizing propertis	Not available

10. Stability and Reactivity

Reactivity : No specific reactivity hazards associated with this product.





Chemical stability : Stable under normal temperature conditions.

Possibility of hazardous reactions : Not applicable.

Conditions to avoid : Avoid heat. Avoid frost.

None at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological Information

 EYES	May cause temporary eye irritation
 SKIN	May cause skin irritation/eczema.
 INGESTION	May cause discomfort if swallowed.
 INHALATION	In high concentrations, vapors may irritate throat and respiratory system and cause coughing.

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12. Ecological Information

Ecotoxicity	Toxicity
Not regarded as dangerous for the environment.	The product is not toxic.
Persistence and degradability	Bio accumulative potential
No information available	Bio accumulative potential No data available on bioaccumulation. No Bacteria or any other toxic material are detected according to analysis result from " Micro biology laboratory " associated with institute of engineering and health environmental
Mobility in soil	Results of PBT and vPvB assessment
Mobility: The product is non-volatile.	This product does not contain any PBT or vPvB substances.

13. Disposal Considerations

Waste treatment methods
 No specific disposal method required.

14. Transport Information

Dot UN/ID NO. Not regulated
IMDG UN/IDNO. Not regulated
TDG UN/IDNO. Not regulated
UN proper shipping name Not applicable.
Transport hazard class(es) Not applicable.
Packing group Not applicable.
Environmental hazards Environmentally Hazardous
Substance/Marine Pollutant No
Special precautions for user Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 Not applicable.

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15.Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Chemical Safety Assessment

Revision

Comments 1

Issued by Technical Manager.

Revision Date 28.05.24

Risk Phrases in Full

16.Other Information

NC

Hazard Statements in Full

Not classified.

	Health Hazard	Flammability	Instability
NFPA	2	0	0

	Health Hazard	Flammability	Personal protection
HMIS	2	0	B

This safety data sheet should be used in combination with the product's technical data sheet, does not replace it