Revision Number: 001.1

Issue date: 07/01/2025

1. IDENTIFICATION

Product name: **Masa Resistol 2021**
Product type/ Adhesive, based on starch
Recommended use:
Restriction of Use: None identified
Company address:
Henkel Capital S.A. de C.V.
Boulevard Magnocentro 8 – P2
Centro Urbano San Fernando la Herradura
Huixquilucan Edo. de Mexico, C.P. 52760

IDH number: 2803762

Region: Mexico
Contact information:
Telephone: +52 (55) 33003000
SETIQ: Phone 01-800-00-214-00 (5559-1588)24 hours.
SETIQ,,Telephone 01-800-00-214-00 (5559-1588)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

NOT CLASSIFIED. READ ENTIRE SAFETY DATA SHEET.

HAZARD CLASS	HAZARD CATEGORY
None	None

PICTOGRAM(S)
None

Precautionary Statements

Prevention: Not prescribed
Response: Not prescribed
Storage: Not prescribed
Disposal: Not prescribed

The following percentage of the mixture consists of ingredient(s) with unknown acute oral toxicity: 3 %

The following percentage of the mixture consists of ingredient(s) with unknown acute dermal toxicity: 3 %

The following percentage of the mixture consists of ingredient(s) with unknown acute inhalation toxicity: 3 %

Other hazards Not available.

Classification complies with NOM-018-STPS-2015 and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	UN no.:	Percentage*
Saccharose	57-50-1		10 - 30
Hexadecanoic acid, sodium salt	408-35-5		1 - 5
Sodium myristate	822-12-8		1 - 5
Caprolactam epsilon	105-60-2		0.1 - 1
Propane-1,2-diol	57-55-6		0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

Inhalation:	Immediately remove victim to fresh air. Get medical attention.
Skin contact:	Rinse with running water and soap.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention.
Ingestion:	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice.
Most important symptoms and effects (acute and delayed):	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
Indication of any immediate medical attention / special treatment needed:	Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	carbon dioxide, foam, powder, water spray jet, fine water spray
Improper extinguishing agents:	Not available.
Special firefighting procedures:	Wear protective equipment. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	Not available.
Hazardous combustion products:	carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	No special environmental precautions required. Do not empty into drains / surface water / ground water. Dispose of according to Federal, State and local governmental regulations.
Clean-up methods:	Remove mechanically. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

Handling:	Ensure adequate ventilation, especially in confined areas.
Storage:	Ensure adequate ventilation. Store in sealed original container. Store in a dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Saccharose	10 mg/m3 TWA	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction. 5 mg/m3 TWA Respirable fraction.	None	None
Hexadecanoic acid, sodium salt	10 mg/m3 TWA	None	None	None

Engineering controls: Ensure good ventilation/suction at the workplace.

Respiratory protection: Ensure adequate ventilation.

Eye/face protection: Wear protective glasses.

Skin protection: Wear protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: solid
Color: White
Odor: fruity
Odor threshold: Not available.
pH: 10 - 10.2
Vapor pressure: Not available.
Boiling point/range: Not available.
Melting point/ range: Not available.
Density/Relative density: Not available.
Relative vapor density: Not available.
Flash point: Not available.
Flammable/Explosive limits - lower: Not available.
Flammable/Explosive limits - upper: Not available.
Autoignition temperature: Not available.
Flammability: Not applicable
Evaporation rate: Not available.
Solubility: Not available.
Partition coefficient n-octanol/water (logarithmic value): Not available.
VOC content: Not available.
Dynamic viscosity: 4,000 - 7,000 mPa.s
Kinematic viscosity: Not available.
Particle characteristics: Not available.
Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Reactivity:	Not available.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	In the event of a fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) are released.
Incompatible materials:	None known
Conditions to avoid:	Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.
Skin contact: Not a hazard under normal conditions of use. May cause skin irritation.
Eye contact: May cause irritation.
Ingestion: Not expected to be harmful by ingestion. Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s
Saccharose	Oral LD50 (Rat) = 29,700 mg/kg
Hexadecanoic acid, sodium salt	None
Sodium myristate	None
Caprolactam epsilon	Oral LD50 (Mouse) = 930 mg/kg Oral LD50 (Rat) = 1.2 g/kg Oral LD50 (Rat) = 1.6 g/kg Oral LD50 (Mouse) = 2.1 g/kg Oral LD50 (Mouse) = 2.5 g/kg Oral LD50 (Rat) = 1,210 mg/kg
Propane-1,2-diol	Oral LD50 (Rabbit) = 18 g/kg Oral LD50 (Mouse) = 23.9 g/kg Oral LD50 (Rat) = 30 g/kg

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Saccharose	Nuisance dust		Skin
Hexadecanoic acid, sodium salt	Irritant		
Sodium myristate	Irritant		
Caprolactam epsilon	Irritant	Allergen	Blood Central nervous system Developmental Eyes Kidney Liver Reproductive
Propane-1,2-diol	Irritant		

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Saccharose	No	No	No
Hexadecanoic acid, sodium salt	No	No	No
Sodium myristate	No	No	No
Caprolactam epsilon	No	No	No
Propane-1,2-diol	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains, soil or bodies of water.

Ecotoxicity: Not available.

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility: Not available.

Other ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Road transport ADR:

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

15. REGULATORY INFORMATION

No additional information

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New information added in Section(s): 3, 8, 11

Prepared by: Product Safety and Regulatory Affairs
Issue date: 07/01/2025

DISCLAIMER: This information is considered correct, but it´s not exhaustive and will be used only as a guide, which is based on current knowledge of the chemical substance(s) and/or mixture and apply to the appropriate product for safety precautions.

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