

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· **1.1 Product identifier**

- **Trade name:** **RWMXD-0454**
- **Article number:** 71-ST4.96VG
- **Version number:** 3

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

· **Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

- **Application of the substance / the mixture:** Powder coating material

· **1.3 Details of the supplier of the safety data sheet**

· **Identification of the company/undertaking:**

CIN Govesan, S.L.U. - Calle del Oro - 28770 Colmenar Viejo - Madrid – España
Tel. + (34) 91 846 30 00 - customerservice@cin.com

CIN Industrial Coatings, S.A. - Av de Dom Mendo, n° 330 - 4474-009 Maia - Portugal
Tel. + (351) 22 940 5000 - customerservice@cin.com

CIN - Corporação Industrial do Norte, S.A. - Av de Dom Mendo, n° 831 (antes EN13 km6)
4474-009 Maia - Portugal - Tel. + (351) 22 940 5000 - customerservice@cin.com

CIN Valentine, S.A.U. - P. I. Can Milans - Riera Seca, 1 08110 Montcada i Reixac - España
Tel. + (34) 93 565 66 00 - customerservice.es@cin.com

CIN Celliose, S.A. - Chemin de la Verrerie - BP 58 - 69492 Pierre Bénite Cedex - France
Tel. + (33) (0) 472 397 777 - customerservice.fr@cin.com

CIN Monopol, S.A. - 56 Allée Bernard Palissy - ZI des Auréats - 26000 Valence – France
Tel. + (33) (0) 475 442 117 - monopol@monopol-sa.com

CIN Soritec, S.A. - Calle Germans Valls, s/n, P. I. Gaserans - 17450 Hostalric Girona - España
Tel. + (34) 97 286 55 90 - customerservice@cin.com

· **Further information obtainable from:**

E-mail address of the competent person responsible for the Safety Data Sheet: msds@cin.com

· **1.4 Emergency telephone number:**

Portugal:

- CIN, S.A. e CIN Industrial Coatings, S.A.: + (351) 22 940 5000
- Antipoison Information Center: + (351) 800 250 250
- Emergency Service (24 hours): + (351) 21 352 4765

Spain:

- CIN Valentine, S.A.U.: + (34) 93 565 66 00
- CIN Soritec, S.A. (office hours): +(34) 91 847 38 00
- CIN Govesan, S.L.U. (office hours): + (34) 918 46 30 00

France:

- CIN Celliose, S.A (office hours): + (33) (0) 472 397 777
- CIN Monopol, S.A. (office hours): + (33) (0) 475 442 117

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SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

CAS: 21645-51-2	aluminium hydroxide	10-25%
EINECS: 244-492-7	substance with a Community workplace exposure limit	
Reg.nr.: 01-2119529246-39		

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** It might be necessary to use self-contained respiratory protective device.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special measures required.
To remove contaminated clothing and protective equipment before entering eating areas.
To wash hands after use.
Not to eat, drink and smoke in work areas.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

CAS: 21645-51-2 aluminium hydroxide

WEL Long-term value: 2 mg/m³

· **DNELs**

CAS: 21645-51-2 aluminium hydroxide

Oral	DNEL Long term systemic effects	4.74 mg/kg/day (consumers)
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Inhalative	DNEL Long term systemic effects	10.76 mg/m ³ (workers)
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	DNEL Long term local effects	10.76 mg/m ³ (workers)
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- **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

· **Respiratory protection:**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Solid
Colour: According to product specification

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Not determined.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not determined.
Upper: Not determined.

· **Vapour pressure:** Not applicable.

· **Density at 20 °C:** 1.343 g/cm³
· **Relative density** Not determined.
· **Vapour density** Not applicable.
· **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with water:** Insoluble.

· **Partition coefficient: n-octanol/water:** Not determined.

· **Solvent separation test:**

Solids content (w/w): 100.0 %

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· **9.2 Other information:** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

CAS: 21645-51-2 aluminium hydroxide

Oral	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	7.6 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Product**

Recommendation:

Disposal must be made according to official regulations.

Contact waste processors for recycling information.

The information given is based on Directive (EU) 2008/98.

· **European waste catalogue**

This product is not considered a hazardous waste as defined by EU Directive 2008/98/EC and Commission notice on technical guidance on the classification of waste (2018/C 124/01).

· **European waste catalogue**

Recommended identification code

08 01 12: waste paint and varnish other than those mentioned in 08 01 11

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, ADN, IMDG, IATA** Void

· **14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA** Void

· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** Void

· **14.4 Packing group**

· **ADR, IMDG, IATA** Void

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **UN "Model Regulation":**

Void

SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)**

None of the ingredients is listed.

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· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:**

See address in section 1 on this MSDS

CIN Govesan - Capital Social € 3.000

CIN Industrial Coatings - Capital Social € 2.250.000 - C.R.C. da Maia / NIPC: 504 160 583

CIN - Capital Social € 25.000.000 - C.R.C. da Maia / NIPC: 500 076 936

CIN Valentine - C. Soc. € 10.000.000 - CIF A61356713 - Reg. M. Barcelona,

CIN Celliose - Capital Social. € 1.128.195 - TVA 775643976 - RCS de Lyon 775 643 976

CIN Monopol - SAS au capital de € 1.887.520 - RCS Romans 419691696 – TVA 419691696

CIN Soritec - Capital Social € 552.432

· **Contact:** See address in section 1 on this MSDS

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

· * **Data compared to the previous version altered.**

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