



## Safety Data Sheet according to WHS Regulations

Printing date 06.07.2024

Version number 1.1

Revision: 06.07.2024

### 1 Identification

- **Product identifier**
- **Trade name:** H899 2K RMC SPECIAL HARDENER
- **Article number:** H899
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Sector of Use**  
SU3 Industrial Uses: Uses of substances such as or in preparations at industrial sites  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category**  
PC9a Coatings and paints, thinners, paint removers  
PC9b Fillers, putties, plasters, modelling clay
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Manufacturer:  
General Paint Company S.A.L.  
P.O.Box 7623  
Beirut, Lebanon  
info@generalpaint.biz  
www.generalpaint.biz  
Importer:  
Payless Services Pty. Ltd.  
A Pacific Express Group Company  
103 Eldridge Road  
Bankstown, NSW, 2200  
Australia
- **Further information obtainable from:** Product Safety Department
- **Emergency telephone number:**  
Phone : +61 297085698  
Mobile: +61 413703038

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**



GHS02 flame

Flammable liquids – Category 3

H226 Flammable liquid and vapour.



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Skin corrosion/irritation – Category 2

H315 Causes skin irritation.

Eye damage/irritation – Category 2A

H319 Causes serious eye irritation.

Specific target organ toxicity (single exposure) –  
Category 3

H335 May cause respiratory irritation.

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**Label elements****GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

**Hazard pictograms**

GHS02 GHS07

**Signal word** Warning**Hazard-determining components of labelling:**

Homopolymer of hexamethylene diisocyanate (&gt;25-≤50 %)

**Hazard statements**

Flammable liquid and vapour.

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Use explosion-proof electrical/ventilating/lighting equipment.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards****Results of PBT and vPvB assessment**• **PBT:** Not applicable.• **vPvB:** Not applicable.

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### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

|            |   |          |
|------------|---|----------|
| 28182-81-2 | Homopolymer of hexamethylene diisocyanate | >25-≤50% |
| 112-07-2   | 2-butoxyethyl acetate                     | >25-≤50% |
| 763-69-9   | ethyl 3-ethoxypropionate                  | >10-≤25% |
| 64742-95-6 | Solvent naphtha (petroleum), light arom.  | >10-≤25% |
| 123-86-4   | n-butyl acetate                           | >10-≤25% |

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

### 4 First Aid Measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** No special measures required.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **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.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **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:** Keep container tightly sealed.
- **Storage class:** 3
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.

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

**112-07-2 2-butoxyethyl acetate**

|     |   |
|-----|---|
| WES | Short-term value: 333 mg/m <sup>3</sup> , 50 ppm<br>Long-term value: 133 mg/m <sup>3</sup> , 20 ppm<br>Sk |
|-----|---|

**123-86-4 n-butyl acetate**

|     |   |
|-----|---|
| WES | Short-term value: 950 mg/m <sup>3</sup> , 200 ppm<br>Long-term value: 713 mg/m <sup>3</sup> , 150 ppm |
|-----|---|

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing

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Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

• **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

• **Protection of hands:**



Protective gloves

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



Tightly sealed goggles

### 9 Physical and Chemical Properties

• **General Information**

• **Appearance:**

- |   |                 |
|---|-----------------|
| • <b>Form:</b>                                    | Liquid          |
| • <b>Colour:</b>                                  | Clear           |
| • <b>Odour:</b>                                   | Characteristic  |
| • <b>Odour threshold:</b>                         | Not determined. |
| • <b>pH-value:</b>                                | Not determined. |
| • <b>Change in condition</b>                      |                 |
| • <b>Melting point/freezing point:</b>            | Undetermined.   |
| • <b>Initial boiling point and boiling range:</b> | 124 °C          |

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|  |   |
|--|---|
| · <b>Flash point:</b>                            | 25 °C   |
| · <b>Flammability (solid, gas):</b>              | Flammable.  |
| · <b>Auto-ignition temperature:</b>              | 280 °C  |
| · <b>Decomposition temperature:</b>              | Not determined.   |
| · <b>Ignition temperature:</b>                   | Product is not selfigniting.  |
| · <b>Explosive properties:</b>                   | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · <b>Explosion limits:</b>                       |   |
| · <b>Lower:</b>                                  | 0.7 Vol %   |
| · <b>Upper:</b>                                  | 8.4 Vol %   |
| · <b>Vapour pressure at 20 °C:</b>               | 10.7 hPa  |
| · <b>Density at 20 °C:</b>                       | 1.037 g/cm <sup>3</sup>   |
| · <b>Relative density</b>                        | Not determined.   |
| · <b>Vapour density</b>                          | Not determined.   |
| · <b>Evaporation rate</b>                        | Not determined.   |
| · <b>Solubility in / Miscibility with</b>        |   |
| · <b>water:</b>                                  | Not miscible or difficult to mix.   |
| · <b>Partition coefficient: n-octanol/water:</b> | Not determined.   |
| · <b>Viscosity:</b>                              |   |
| · <b>Dynamic:</b>                                | Not determined.   |
| · <b>Kinematic:</b>                              | Not determined.   |
| · <b>Solvent content:</b>                        |   |
| · <b>Organic solvents:</b>                       | 62.9 %  |
| · <b>VOC (EC)</b>                                | 652.7 g/l   |
| · <b>Solids content:</b>                         | 62.8 %  |
| · <b>Other information</b>                       | No further relevant information available.  |

### 10 Stability and Reactivity

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

### 11 Toxicological Information

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

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- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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** May cause respiratory irritation.
- **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.

### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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### 14 Transport information

|  |  |
|--|--|
| · <b>UN-Number</b><br>· <b>ADG, IMDG, IATA</b>   | UN1263   |
| · <b>UN proper shipping name</b><br>· <b>ADG</b><br>· <b>IMDG, IATA</b>  | 1263 PAINT<br>PAINT  |
| · <b>Transport hazard class(es)</b><br>· <b>ADG, IMDG, IATA</b>  |                                      |
| · <b>Class</b><br>· <b>Label</b>   | 3 Flammable liquids.<br>3  |
| · <b>Packing group</b><br>· <b>ADG, IMDG, IATA</b>   | III  |
| · <b>Environmental hazards:</b><br>· <b>Marine pollutant:</b>  | No   |
| · <b>Special precautions for user</b><br>· <b>Hazard identification number (Kemler code):</b><br>· <b>EMS Number:</b><br>· <b>Stowage Category</b> | Warning: Flammable liquids.<br>30<br>F-E, S-E<br>A   |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>  | Not applicable.  |
| · <b>Transport/Additional information:</b>   |  |
| · <b>ADG</b><br>· <b>Limited quantities (LQ)</b><br>· <b>Excepted quantities (EQ)</b>  | 5L<br>Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml |
| · <b>Transport category</b><br>· <b>Tunnel restriction code</b>  | 3<br>D/E   |
| · <b>IMDG</b><br>· <b>Limited quantities (LQ)</b><br>· <b>Excepted quantities (EQ)</b>   | 5L<br>Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml |

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**UN "Model Regulation":** UN 1263 PAINT, 3, III

### 15 Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture****Australian Inventory of Industrial Chemicals**

|            |   |
|------------|---|
| 28182-81-2 | Homopolymer of hexamethylene diisocyanate |
| 112-07-2   | 2-butoxyethyl acetate                     |
| 763-69-9   | ethyl 3-ethoxypropionate                  |
| 123-86-4   | n-butyl acetate                           |
| 4083-64-1  | 4-isocyanatosulphonyltoluene              |
| 822-06-0   | hexamethylene-di-isocyanate               |

**Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

**Australia: Priority Existing Chemicals**

None of the ingredients is listed.

**GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

**Hazard pictograms**

GHS02 GHS07

**Signal word** Warning**Hazard-determining components of labelling:**

Homopolymer of hexamethylene diisocyanate (&gt;25-≤50 %)

**Hazard statements**

Flammable liquid and vapour.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.

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Use explosion-proof electrical/ventilating/lighting equipment.

*IF ON SKIN (or hair):* Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

*IF IN EYES:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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:** Product safety department
- **Contact:** N/A
- **Abbreviations and acronyms:**
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  - ICAO: International Civil Aviation Organisation
  - 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
  - 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)
  - VOC: Volatile Organic Compounds (USA, EU)
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Flammable liquids – Category 3: Flammable liquids – Category 3
  - Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2
  - Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
  - Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3
- **\* Data compared to the previous version altered.**