

## Safety Data Sheet acc. to OSHA HCS

Date of issue: 10/25/2024

Reviewed on 10/25/2024

### 1 Identification

- **Product identifier**
- **Trade name:** ROMPOX-D4000 HR Komponente A
- **Other means of identification**
- **Application of the substance / the mixture** Pavement jointing mortar
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
ROMEX GmbH  
Mühlgrabenstraße 21  
D-53340 MECKENHEIM  
DEUTSCHLAND  
regulatory@romex.de
- **Information department:** Abteilung Produktsicherheit
- **Emergency telephone number:**  
American Association of Poison Control Centers  
poisonhelp.org  
<https://www.aapcc.org/centers>  
Tel.: +1-800-222-1222 (24h)

Giftnotrufzentrale BONN, Germany  
Tel.: 0049(0)228-19240

ROMEX, Abtlg. Produktsicherheit von 08:00-17:00 : +49 (0)2225 70954-10  
 "Alberta - Poison and Drug Information Services (PADIS)Toll-free 1-800-332-1414 (within Alberta and Northwest Territories only)(403) 944-1414 (in Calgary, VOIP users, or outside of Alberta)  
 British Columbia - British Columbia Drug and Poison Information Centre (DPIC)Toll-free 1-800-567-8911 (within BC only) (604) 682-5050 (Greater Vancouver)  
 Manitoba - Manitoba Poison CentreToll-free 1-855-7POISON (1-855-776-4766)  
 New Brunswick - Sykes Telehealth 911  
 Newfoundland and Labrador - Poison Information CentreToll-free 1-866-727-1110(709) 722-1110  
 Northwest Territories - Poison and Drug Information Services (PADIS)Toll-free 1-800-332-1414 (for Alberta and Northwest Territories only)  
 Nova Scotia - IWK Regional Poison CentreToll-free 1-800-565-8161 (for Nova Scotia and PEI only) or call 911 and ask to speak to the Poison Centre(902) 470-8161 (Halifax or outside Nova Scotia)  
 Nunavut - Toll-Free 1-800-268-9017  
 Ontario - Ontario Poison Centre (OPC)Toll-free 1-800-268-9017 (within Ontario)(416) 813-5900 (Greater Toronto Area)Prince Edward Island - IWK Regional Poison CentreToll-free 1-800-565-8161 (for Nova Scotia and PEI only)  
 Québec - Centre antipoison du Québec (CAPQ)Toll-free 1-800-463-5060 (for Quebec only)  
 Saskatchewan - Poison and Drug Information Services (PADIS)Toll-free 1-866-454-1212 (for Saskatchewan only) Yukon Territory - Yukon Poison Control Centre - Whitehorse General Hospital(867) 393-8700"

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ROMEX, Abtlg. Produktsicherheit von 08:00-17:00 : +49 (0)2225 70954-10

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**Trade name: ROMPOX-D4000 HR Komponente A**

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### 2 Hazard(s) identification

· **Classification of the substance or mixture**



GHS07

Skin irritation 2            H315 Causes skin irritation.  
 Eye irritation 2A            H319 Causes serious eye irritation.  
 Sensitization - skin 1    H317 May cause an allergic skin reaction.

· **Label elements**

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**

bis[4-(2,3-epoxypropoxy)phenyl]propane  
 Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane  
 oxirane, mono[(C12-14-alkyloxy)methyl] derivs

· **Hazard statements**

Causes skin irritation.  
 Causes serious eye irritation.  
 May cause an allergic skin reaction.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Wash thoroughly after handling.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Wear protective gloves / eye protection / face protection.  
 If on skin: Wash with plenty of water.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Take off contaminated clothing and wash it before reuse.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Specific treatment (see on this label).  
 If eye irritation persists: Get medical advice/attention.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Information pertaining to particular dangers for man and environment:**

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 2  
 Fire = 1  
 Reactivity = 0

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**· HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

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

**· vPvB:** Not applicable.

**· Classification according to (d)(1)(ii) of § 1910.12000**

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

**· Hazards not otherwise classified**

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

### 3 Composition/information on ingredients

**· Chemical characterization: Mixtures**
**· Description:** Mixture of the substances listed below with nonhazardous additions.

**· Dangerous components:**

1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	30–60%
	Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)] bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)] bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl} oxirane	15–40%
68609-97-2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs	10–30%

### 4 First-aid measures

**· Description of first aid measures**
**· General information:** Immediately remove any clothing soiled by the product.

**· After inhalation:**

Supply fresh air and to be sure call for a doctor.

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.

**· 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

**· Extinguishing media**
**· Suitable extinguishing agents:**

 CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.

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Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)

Nitrogen oxides (NO<sub>x</sub>)

· **Advice for firefighters**

· **Protective equipment:** No special measures required.

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **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.

· **Protective Action Criteria for Chemicals**

· **PAC-1:**

1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	39 mg/m <sup>3</sup>
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· **PAC-2:**

1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	430 mg/m <sup>3</sup>
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· **PAC-3:**

1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	2,600 mg/m <sup>3</sup>
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· **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

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about protection against explosions and fires:** No special measures required.

· **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:** Keep receptacle tightly sealed.

· **Storage class:** 10

· **Specific end use(s)** No further relevant information available.

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**8 Exposure controls/personal protection**

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
*The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*
- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Exposure controls**
- **Appropriate engineering controls** *No further data; see section 7.*
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.*
- **Breathing equipment:**  
*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.*
- **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**

*Butyl rubber, BR*

*Nitrile rubber, NBR*

*Recommended material thickness:  $\geq 0,5\text{mm}$*

*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.*

- **Not suitable are gloves made of the following materials:**

*Strong gloves*

*Leather gloves*

*Natural rubber, NR*

- **Eye protection:**



Tightly sealed goggles

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· **Body protection:** Protective work clothing

**9 Physical and chemical properties**

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

· **General Information**

- **Physical state** Fluid
- **Color:** Yellowish
- **Odor:** Weak, characteristic
- **Odor threshold:** Not determined.
- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** >200 °C (>392 °F)
- **Flammability:** Not applicable.
- **Explosion limits:**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Flash point:** >150 °C (>302 °F)
- **Decomposition temperature:** Not determined.
- **pH-value at 20 °C (68 °F):** 7.8  
 $\beta = 0,1\text{g/cm}^3$  in H<sub>2</sub>O

- **Viscosity:**
- **Kinematic:** Not determined.
- **Dynamic at 20 °C (68 °F):** 950 mPas
- **Solubility in / Miscibility with**
- **Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Vapor pressure:** Not determined.
- **Vapor pressure:**
- **Density at 20 °C (68 °F):** 1.1 g/cm<sup>3</sup> (9.1795 lbs/gal)
- **Relative density** Not determined.
- **Vapor density** Not determined.
- **Particle characteristics** Not applicable.

· **Other information**

- **Appearance:**
- **Form:** Fluid
- **Important information on protection of health and environment, and on safety.**
- **Ignition temperature:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Solvent content:**
- **VOC content:** 0.00 %
- **Solids content:** 100.0 %
- **Change in condition**
- **Evaporation rate** Not determined.

**10 Stability and reactivity**

· **Reactivity** No further relevant information available.

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- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions**  
Toxic fumes may be released if heated above the decomposition point.
- **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:**
- |   |      |                       |
|---|------|-----------------------|
| <b>LD/LC50 values that are relevant for classification:</b>     |      |                       |
| <b>68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b> |      |                       |
| Oral  | LD50 | 19,200 mg/kg (rat)    |
| Dermal  | LD50 | >4,500 mg/kg (rabbit) |
- **Primary irritant effect:**
  - **on the skin:** Irritant to skin and mucous membranes.
  - **on the eye:** Irritating effect.
  - **Sensitization:** Sensitization possible through skin contact.
  - **Subacute to chronic toxicity:**

<b>Result:</b>		
<b>68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>		
Dermal	DNEL-Worker	3.9 mg/kg bw/day
Inhalative	DNEL-Worker	13.8 mg/m <sup>3</sup>

- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
- **Interactive effects** No interactive effects between components are known.
- **Carcinogenic categories**

<b>IARC (International Agency for Research on Cancer)</b>		
1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	3

<b>NTP (National Toxicology Program)</b>
None of the ingredients is listed.

<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
None of the ingredients is listed.

- **Alternative sources for toxicological information**  
No non-standard sources for toxicological information where used.

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### 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

**68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs**

EC50 (48h) 1–10 mg/l (daphnia magna)

IC50(72h) 845 mg/l ((algae))

PNEC-freshwater 0.0072 mg/l

PNEC-marine water 0.00072 mg/l

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (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.

### 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:**

Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

### 14 Transport information - 24HR Hotline US: Chemtrec 8004249300 CA: Canutec: 8882268832

· **UN-Number**

· **DOT**

· **IMDG, IATA**

not regulated

UN3082

· **UN proper shipping name**

· **DOT**

· **IMDG**

not regulated

EN VIRO N MEN T ALL Y HAZ ARDO US  
SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3-  
epoxypropoxy)phenyl]propane, Reaction mass of  
2,2'-[methylenebis(2,1-phenyleneoxymethylene)]  
bis(oxirane) and 2,2'-[methylenebis(4,1-  
phenyleneoxymethylene)]bis(oxirane) and 2-({2-  
[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl  
oxirane), MARINE POLLUTANT

· **IATA**

EN VIRO N MEN T ALL Y HAZ ARDO US  
SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3-

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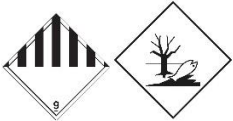
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·	epoxypropoxy)phenyl]propane, Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane)
· <b>Transport hazard class(es)</b>	
· <b>DOT</b>	
· <b>Class</b>	not regulated
· <b>IMDG, IATA</b>	
	
· <b>Class</b>	9 Miscellaneous dangerous substances and articles
· <b>Label</b>	9
· <b>Packing group</b>	
· <b>DOT</b>	not regulated
· <b>IMDG, IATA</b>	III
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	Symbol (fish and tree)
· <b>Special marking (IATA):</b>	Symbol (fish and tree)
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>Special precautions for user</b>	Warning: Miscellaneous dangerous substances and articles
· <b>Hazard identification number (Kemler code):</b>	90
· <b>EMS Number:</b>	F-A,S-F
· <b>Stowage Category</b>	A

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· **UN "Model Regulation":** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BIS[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, REACTION MASS OF 2,2'-[METHYLENEBIS(2,1-PHENYLENEOXYMETHYLENE)]BIS(OXIRANE) AND 2,2'-[METHYLENEBIS(4,1-PHENYLENEOXYMETHYLENE)]BIS(OXIRANE) AND 2-([4-(OXIRAN-2-YLMETHOXY)BENZYL]PHENOXY)METHYLOXIRANE), 9, III

### 15 Regulatory information

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

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	ACTIVE
68609-97-2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard-determining components of labeling:**

*bis[4-(2,3-epoxypropoxy)phenyl]propane*

*Reaction mass of 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane*

*oxirane, mono[(C12-14-alkyloxy)methyl] derivs*

- **Hazard statements**

*Causes skin irritation.*

*Causes serious eye irritation.*

*May cause an allergic skin reaction.*

- **Precautionary statements**

*Avoid breathing dust/fume/gas/mist/vapors/spray*

*Wash thoroughly after handling.*

*Contaminated work clothing must not be allowed out of the workplace.*

*Wear protective gloves / eye protection / face protection.*

*If on skin: Wash with plenty of water.*

*If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

*Take off contaminated clothing and wash it before reuse.*

*If skin irritation or rash occurs: Get medical advice/attention.*

*Specific treatment (see on this label).*

*If eye irritation persists: Get medical advice/attention.*

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

- **National regulations:**

- **Information about limitation of use:**

*Employment restrictions concerning young persons must be observed.*

- **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:** Abteilung Umweltschutz

- **Contact:** Hr. Blaesner

- **Date of preparation** 10/25/2024

- **Abbreviations and acronyms:**

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*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)*

*NFPA: National Fire Protection Association (USA)*

*HMS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

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*LD50: Lethal dose, 50 percent*  
*PBT: Persistent, Bioaccumulative and Toxic*  
*vPvB: very Persistent and very Bioaccumulative*  
*NIOSH: National Institute for Occupational Safety*  
*OSHA: Occupational Safety & Health*  
*TLV: Threshold Limit Value*  
*PEL: Permissible Exposure Limit*  
*REL: Recommended Exposure Limit*  
*Skin irritation 2: Skin corrosion/irritation – Category 2*  
*Eye irritation 2A: Serious eye damage/eye irritation – Category 2A*  
*Sensitization - skin 1: Skin sensitisation – Category 1*

US

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/29/2024

Reviewed on 02/29/2024

## 1 Identification

- **Product identifier**

- **Trade name:** ROMPOX-D4000 HR Komponente B

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

ROMEX Produktionsgesellschaft mbH  
Mühlgrabenstraße 19  
D-53340 MECKENHEIM  
DEUTSCHLAND  
H.Blaesner@romex-rpg.de

- **Information department:** Abteilung Produktsicherheit

- **Emergency telephone number:**

American Association of Poison Control Centers

poisonhelp.org <https://www.aapcc.org/centers> Tel.: +1-800-222-1222 (24h)

"Alberta - Poison and Drug Information Services (PADIS) Toll-free 1-800-332-1414 (within Alberta and Northwest Territories only)(403) 944-1414 (in Calgary, VOIP users, or outside of Alberta) British Columbia - British Columbia Drug and Poison Information Centre (DPIC) Toll-free 1-800-567-8911 (within BC only) (604) 682-5050 (Greater Vancouver)

Manitoba - Manitoba Poison Centre Toll-free 1-855-7POISON (1-855-776-4766)

New Brunswick - Sykes Telehealth 911

Newfoundland and Labrador - Poison Information Centre Toll-free 1-866-727-1110(709) 722-1110

Northwest Territories - Poison and Drug Information Services (PADIS) Toll-free 1-800-332-1414 (for Alberta and Northwest Territories only)

Nova Scotia - IWK Regional Poison Centre Toll-free 1-800-565-8161 (for Nova Scotia and PEI only) or call 911 and ask to speak to the Poison Centre(902) 470-8161 (Halifax or outside Nova Scotia)

Nunavut - Toll-Free 1-800-268-9017

Ontario - Ontario Poison Centre (OPC) Toll-free 1-800-268-9017 (within Ontario)(416) 813-5900 (Greater Toronto Area) Prince Edward Island - IWK Regional Poison Centre Toll-free 1-800-565-8161 (for Nova Scotia and PEI only)

Québec - Centre anipoison du Québec (CAPQ) Toll-free 1-800-463-5060 (for Quebec only)

Saskatchewan - Poison and Drug Information Services (PADIS) Toll-free 1-866-454-1212 (for Saskatchewan only) Yukon Territory - Yukon Poison Control Centre - Whitehorse General Hospital(867) 393-8700"

Giftnotrufzentrale BONN, Germany

Tel.: 0049(0)228-19240

ROMEX, Abtlg. Produktsicherheit von 08:00-17:00 : +49 (0)2225 70954-10

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS05 Corrosion

Skin Corrosion 1B

H314 Causes severe skin burns and eye damage.

Eye Damage 1

H318 Causes serious eye damage.



GHS07

Acute Toxicity - Oral 4

H302 Harmful if swallowed.

Acute Toxicity - Inhalation 4

H332 Harmful if inhaled

Sensitization - Skin 1

H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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# Safety Data Sheet

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Printing date 02/29/2024

Reviewed on 02/29/2024

Trade name: ROMPOX-D4000 HR Komponente B

(Contd. of page 1)

- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger

- **Hazard-determining components of labeling:**

*m*-phenylenebis(methylamine)

- **Hazard statements**

*Harmful if swallowed or if inhaled.*

*Causes severe skin burns and eye damage.*

*May cause an allergic skin reaction.*

- **Precautionary statements**

*Do not breathe dusts or mists.*

*Wash thoroughly after handling.*

*Do not eat, drink or smoke when using this product.*

*Use only outdoors or in a well-ventilated area.*

*Contaminated work clothing must not be allowed out of the workplace.*

*Wear protective gloves/protective clothing/eye protection/face protection.*

*If swallowed: Call a poison center/doctor if you feel unwell.*

*If swallowed: Rinse mouth. Do NOT induce vomiting.*

*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*

*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*

*If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

*Immediately call a poison center/doctor.*

*Specific treatment (see on this label).*

*If skin irritation or rash occurs: Get medical advice/attention.*

*Wash contaminated clothing before reuse.*

*Store locked up.*

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

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 3

Fire = 1

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



HEALTH \*3 Health = \*3

FIRE 1 Fire = 1

REACTIVITY 0 Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

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**Trade name: ROMPOX-D4000 HR Komponente B**

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**· Dangerous components:**

1477-55-0 m-phenylenebis(methylamine)

50–75%

### 4 First-aid measures

**· Description of first aid measures**
**· General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**· After inhalation:**

Supply fresh air and to be sure call for a doctor.

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. Then consult a doctor.

**· After swallowing:**

Immediately call a doctor.

Drink copious amounts of water and provide fresh air. Immediately call a 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

**· Extinguishing media**
**· Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

**· Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**· Advice for firefighters**
**· Protective equipment:** Mouth respiratory protective device.

**· Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

**· Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

**· Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

**· Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent.

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.

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· **Protective Action Criteria for Chemicals**

· **PAC-1:**

None of the ingredients is listed.

· **PAC-2:**

None of the ingredients is listed.

· **PAC-3:**

None of the ingredients is listed.

## 7 Handling and storage

· **Handling:**

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about protection against explosions and fires:**

Keep respiratory protective device available.

· **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:** Keep receptacle tightly sealed.

· **Storage class:** 8 A

· **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

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

· **Control parameters**

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

**1477-55-0 m-phenylenebis(methylamine)**

REL	Ceiling limit value: 0.1 mg/m <sup>3</sup> Skin
TLV	Ceiling limit value: 0.018 ppm Skin

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

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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

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	Amber colored
<b>Odor:</b>	Amine-like
<b>Odor threshold:</b>	Not determined.

<b>pH-value at 20 °C (68 °F):</b>	11.5 $\beta = 0,1\text{g/cm}^3$ in H <sub>2</sub> O
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- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	>200 °C (>392 °F)

<b>Flash point:</b>	>100 °C (>212 °F)
---------------------	-------------------

<b>Flammability (solid, gaseous):</b>	Not applicable.
---------------------------------------	-----------------

<b>Auto igniting:</b>	380 °C (716 °F)
-----------------------	-----------------

<b>Decomposition temperature:</b>	Not determined.
-----------------------------------	-----------------

<b>Ignition temperature:</b>	Product is not selfigniting.
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<b>Danger of explosion:</b>	Product does not present an explosion hazard.
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- **Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

<b>Vapor pressure at 25 °C (77 °F):</b>	~0 hPa
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<b>Density at 20 °C (68 °F):</b>	1.07 g/cm <sup>3</sup> (8.92915 lbs/gal)
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<b>Relative density</b>	Not determined.
-------------------------	-----------------

<b>Vapor density</b>	Not determined.
----------------------	-----------------

<b>Evaporation rate</b>	Not determined.
-------------------------	-----------------

- **Solubility in / Miscibility with**

<b>Water:</b>	Fully miscible.
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- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

- Dynamic:** Not determined.

- Kinematic:** Not determined.

- **Solvent content:**

- VOC content:** 0.00 %  
0.0 g/l / 0.00 lb/gal

- Solids content:** 100.0 %

- **Other information**

- No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.

- **Chemical stability**

- **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:**

- **LD/LC50 values that are relevant for classification:**

**ATE (Acute Toxicity Estimate)**

Oral	LD50	1,387–2,080 mg/kg (rat)
Inhalative	LC50/4 h	3.2–4.8 mg/l (rat)

**1477-55-0 m-phenylenebis(methylamine)**

Oral	LD50	1,040 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rat)
Inhalative	LC50/4 h	2.4 mg/l (rat)

- **Primary irritant effect:**

- on the skin:** Caustic effect on skin and mucous membranes.

- on the eye:**

- Strong caustic effect.

- Strong irritant with the danger of severe eye injury.

- **Sensitization:** Sensitization possible through skin contact.

- **Subacute to chronic toxicity:**

- **Result:**

**1477-55-0 m-phenylenebis(methylamine)**

Dermal	DNEL-Worker	0.33 mg/kg bw/day
Inhalative	DNEL-Worker	1.2 mg/m <sup>3</sup>

- **Additional toxicological information:**

- The product shows the following dangers according to internally approved calculation methods for preparations:

- Harmful

- Corrosive

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**Trade name: ROMPOX-D4000 HR Komponente B**

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**Irritant**

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

**1477-55-0 m-phenylenebis(methylamine)**

LC50(96h)	87.6 mg/l (Oryzias latipes) (OECD Prüfrichtlinie 203)
EC50(24h)	35.1 mg/l (daphnia magna) (OECD PRüfrichtlinie 202)
EC50 (48h)	15.2 mg/l (daphnia magna) (OECD PRüfrichtlinie 202)
EC0 (48h)	8.9 mg/l (daphnia magna) (OECD PRüfrichtlinie 202)
PNEC-marine water	0.094 mg/l
PNEC-sediment (freshwater)	0.094 mg/kg
NOEC	33 mg/l (algae)
	4.7 mg/l /21d (daphnia magna)
	10.5 mg/l /72h (Pseudokirchneria subcapitata)

- **Persistence and degradability** No further relevant information available.

- **Behavior 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 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even small quantities leak into the ground.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

- **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 of together with household garbage. Do not allow product to reach sewage system.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information - 24HR Hotline US: Chemtrec 8004249300 CA: Canutec: 8882268832

<ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>	UN1760
<ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>IMDG, IATA</b></li> </ul>	Corrosive liquids, n.o.s. (m-phenylenebis(methylamine)) CORROSIVE LIQUID, N.O.S. (m-phenylenebis(methylamine))
<ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	8 Corrosive substances 8
<ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	8 Corrosive substances 8
<ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>	II
<ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>Hazard identification number (Kemler code):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Segregation groups</b></li> <li>· <b>Stowage Category</b></li> <li>· <b>Stowage Code</b></li> </ul>	Warning: Corrosive substances 80 F-A, S-B (SGG18) Alkalis B SW2 Clear of living quarters.
<ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> <li>· <b>DOT</b></li> <li>· <b>Quantity limitations</b></li> </ul>	On passenger aircraft/rail: 1 L On cargo aircraft only: 30 L
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> </ul>	1L

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· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 1760 CORROSIVE LIQUID, N.O.S. (M-PHENYLENEBIS(METHYLAMINE)), 8, II

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

1477-55-0	m-phenylenebis(methylamine)	ACTIVE
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- **Hazardous Air Pollutants**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger

- **Hazard-determining components of labeling:**

m-phenylenebis(methylamine)

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# Safety Data Sheet

## acc. to OSHA HCS

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**Trade name: ROMPOX-D4000 HR Komponente B**

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- **Hazard statements**

*Harmful if swallowed or if inhaled.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.*

- **Precautionary statements**

*Do not breathe dusts or mists.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If swallowed: Call a poison center/doctor if you feel unwell.  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a poison center/doctor.  
Specific treatment (see on this label).  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **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:** Abteilung Umweltschutz

- **Contact:** Hr. Blaesner

- **Date of preparation / last revision** 02/29/2024 / -

- **Abbreviations and acronyms:**

*IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
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)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Acute Toxicity - Oral 4: Acute toxicity – Category 4  
Skin Corrosion 1B: Skin corrosion/irritation – Category 1B  
Eye Damage 1: Serious eye damage/eye irritation – Category 1  
Sensitization - Skin 1: Skin sensitisation – Category 1*

US