

Safety Data Sheet

according to HPR, Schedule 1

Printing date 02/08/2021

Reviewed on 02/08/2021

1 Identification

- **Product identifier**
- **Trade name: ROMPOX-EASY ecofine**
- **Application of the substance / the mixture** Binder
- **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:**
"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 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"
- Giftnotrufzentrale BONN, Germany
Tel.: 0049(0)228-19240
- ROMEX, Abtlg. Produktsicherheit von 08:00-17:00 : +49 (0)2225 70954-10

2 Hazard identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carcinogenicity - Category 1A H350 May cause cancer.

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



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- **Signal word** Danger

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

Quartz (SiO₂)

- **Hazard statements**

May cause cancer.

- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

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

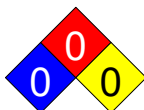
IF exposed or concerned: Get medical advice/attention.

Store locked up.

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

- **Classification system:**

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



Health = 0

Fire = 0

Reactivity = 0

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



Health = *0

Fire = 0

Reactivity = 0

3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**

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

- **Dangerous components:**

14808-60-7 Quartz (SiO₂)

95.700% w/w

4 First-aid measures

- **Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** If skin irritation continues, consult a doctor.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:**

Call a doctor immediately.

Administer medicinal carbon

- **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:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Use fire fighting measures that suit the environment.

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

In case of fire, the following can be released:

Carbon monoxide (CO)

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- Nitrogen oxides (NO_x)
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained 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**
Ensure adequate ventilation
- **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, diatomaceous earth, acid binders, universal binders).
Dispose contaminated material as waste according to item 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.
Open and handle receptacle with care.
- **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:**
Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in a cool place.
Store in dry conditions.
Protect from frost.
Keep receptacle tightly sealed.
- **Storage class:** 11
- **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 item 7.
- **Control parameters**

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

14808-60-7 Quartz (SiO₂)

EL	TWA: 0.025 mg/m ³ ACGIH A2; IARC 1
EV	TWA: 0.10* mg/m ³ *respirable fraction

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

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- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
- **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

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Pasty
Color:	Red-brown
- **Odor:** Characteristic
- **Odor threshold:** Not determined.
- **pH-value:** Not applicable.

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· Change in condition	
Melting point/Melting range:	1,713 °C
Boiling point/Boiling range:	Undetermined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not determined.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 1732 °C:	13.5 hPa
· Density at 20 °C:	2.2–2.6 g/cm ³
· Bulk density:	1,400 kg/m ³
· Relative density	Not determined.
· Vapor density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix. Insoluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Solvent content:	
Organic solvents:	0 %
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**
For information on physical and chemical properties (auto-ignition temperature) see item 6.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

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- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
14808-60-7	Quartz (SiO ₂)	1

· NTP (National Toxicology Program)		
14808-60-7	Quartz (SiO ₂)	K

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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 1 (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.
- **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.
- **Uncleaned packagings:**
- **Recommendation:**
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT/TDG, ADR, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | |
| · DOT/TDG, ADR, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es) | |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT/TDG, ADR, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable. |

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- | | |
|--|-----------------|
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | not regulated |

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):**

14808-60-7	Quartz (SiO ₂)	ACTIVE
68649-95-6	Leinölfirnis	ACTIVE
68131-40-8	Alkohole, C11-15, sekundär, ethoxyliert alcohols, C11-15, secondary, ethoxylated	ACTIVE
15956-58-8	2-ethylhexanoic acid, manganese salt	ACTIVE
22464-99-9	2-ethylhexanoic acid, zirconium salt	ACTIVE
64742-48-9	Naphtha (petroleum), hydrotreated heavy	ACTIVE
149-57-5	2-ethylhexanoic acid	ACTIVE
64742-48-9	Naphtha (petroleum), hydrotreated heavy	ACTIVE

- **Canadian substance listings:**

- **Canadian Domestic Substances List (DSL)**

14808-60-7	Quartz (SiO ₂)	
68649-95-6	Leinölfirnis	
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- **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%)**

14808-60-7	Quartz (SiO ₂)	
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- **GHS label elements**

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

- **Hazard pictograms**



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- **Signal word** *Danger*
- **Hazard-determining components of labeling:**
Quartz (SiO₂)
- **Hazard statements**
May cause cancer.
- **Precautionary statements**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
IF exposed or concerned: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **National regulations:**
- **Information about limitation of use:**
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
- **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 the latest revision of the safety data sheet** *02/08/2021 / -*
- **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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
- *** Data compared to the previous version altered.**

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