

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**Liquid Roc 700+, Comp. A**

Revision date: 02/18/2025

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**1. Identification****Product identifier**

Liquid Roc 700+, Comp. A

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

Adhesive mortar for fastening elements A-component (resin)

**Uses advised against**

no restriction

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

|               |                      |                           |
|---------------|----------------------|---------------------------|
| Company name: | MKT Fastening LLC    |                           |
| Street:       | 1 Gunnebo Drive      |                           |
| Place:        | Lonoke, AR 72086 USA |                           |
| Telephone:    | +1(501) 676 2222     | Telefax: +1(501) 676 2524 |
| Internet:     | www.mktfastening.com |                           |

**Emergency phone number:** CHEMTREC USA: +1 800 424 9300 (24/7)**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Respiratory or skin sensitization: Skin Sens. 1

**Label elements****29 CFR Part 1910.1200****Signal word:** Warning**Pictograms:****Hazard statements**

May cause an allergic skin reaction

**Precautionary statements**

Avoid breathing vapors.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Dispose of contents/container to an approved waste disposal plant in accordance with local/national regulations.

**Hazards not otherwise classified**

Use only outdoors or in a well-ventilated area.

**3. Composition/information on ingredients****Mixtures**

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**Hazardous components**

| CAS No     | Components                                        | Quantity    |
|------------|---------------------------------------------------|-------------|
| 2082-81-7  | Tetramethylene dimethacrylate                     | 5 - < 20 %  |
| 27813-02-1 | Methacrylic acid, monoester with propane-1,2-diol | 1 - < 8.5 % |
| 38668-48-3 | 1,1'-(p-Tolylimino)dipropen-2-ol                  | < 1.25 %    |

**Further Information**

The actual concentration is withheld as a trade secret.

**4. First-aid measures****Description of first aid measures****General information**

Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

**After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting. Rinse mouth thoroughly with water. Medical treatment necessary.

**Most important symptoms and effects, both acute and delayed**

May cause an allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**Foam  
Extinguishing powder  
Water spray jet  
Carbon dioxide (CO<sub>2</sub>)**Unsuitable extinguishing media**

Full water jet

**Specific hazards arising from the chemical**Pyrolysis products, toxic  
Carbon monoxide**Special protective equipment and precautions for fire-fighters**In case of fire and/or explosion do not breathe fumes.  
Wear a self-contained breathing apparatus and chemical protective clothing.**Additional information**

Suppress gases/vapors/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**6. Accidental release measures**

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**Personal precautions, protective equipment and emergency procedures****General advice**

Use personal protective equipment as required. Provide adequate ventilation. Do not breathe gas/fume/vapor/spray. Avoid contact with skin, eyes and clothes.

**Environmental precautions**

Do not allow to enter into surface water or drains.

**Methods and material for containment and cleaning up****For cleaning up**

Collect spillage. Take up mechanically, placing in appropriate containers for disposal. Suitable material for taking up: Sand

Treat the recovered material as prescribed in the section on waste disposal.

Retain contaminated washing water and dispose it.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

Use only outdoors or in a well-ventilated area.

Wear personal protection equipment (refer to section 8).

Avoid contact with skin, eyes and clothes.

When using do not eat, drink or smoke.

Wash hands thoroughly after handling.

Take off contaminated clothing and wash it before reuse.

**Advice on general occupational hygiene**

Take off contaminated clothing and wash it before reuse. Draw up and observe skin protection programme.

Wash hands thoroughly after handling. When using do not eat, drink or smoke.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

Store in a place accessible by authorized persons only.

Keep only in the original container in a cool, well-ventilated place.

**Hints on joint storage**

Do not use for products which come into contact with the food stuffs.

**Further information on storage conditions**

Keep container tightly closed in a cool place.

storage temperature: 5 - 25°C (41 - 77 F)

**8. Exposure controls/personal protection****Control parameters****Additional advice on limit values**

This mixture contains quartz filler which is firmly bound in the paste-like component and therefore not freely available during use. Dust inhalation is excluded.

**Exposure controls**

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**Appropriate engineering controls**

Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear safety goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

**Hand protection**

Wear chemical resistant protective gloves.

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**9. Physical and chemical properties****Information on basic physical and chemical properties**

|                                                           |                                                                                                  |                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------|
| Physical state:                                           | solid (pasty)                                                                                    |                        |
| Color:                                                    | light beige                                                                                      |                        |
| Odor:                                                     | characteristic                                                                                   |                        |
| Odour threshold:                                          | No data available                                                                                |                        |
| Melting point/freezing point:                             |                                                                                                  | No data available      |
| Boiling point or initial boiling point and boiling range: |                                                                                                  | No data available      |
| Flammability:                                             |                                                                                                  | Non-flammable.         |
| Lower explosion limits:                                   |                                                                                                  | not applicable         |
| Upper explosion limits:                                   |                                                                                                  | not applicable         |
| Flash point:                                              |                                                                                                  | not applicable         |
| Auto-ignition temperature:                                |                                                                                                  | not applicable         |
| Decomposition temperature:                                |                                                                                                  | No data available      |
| pH-Value:                                                 | The study does not need to be conducted because the substance is known to be insoluble in water. |                        |
| Viscosity / kinematic:                                    |                                                                                                  | not applicable         |
| Water solubility:                                         | The study does not need to be conducted because the substance is known to be insoluble in water. |                        |
| Solubility in other solvents                              | No data available                                                                                |                        |
| Partition coefficient n-octanol/water:                    |                                                                                                  | not applicable         |
| Vapor pressure:                                           |                                                                                                  | No data available      |
| Density (at 20 °C):                                       |                                                                                                  | 1,71 g/cm <sup>3</sup> |
| Relative vapour density:                                  |                                                                                                  | not applicable         |
| Particle characteristics:                                 |                                                                                                  | No data available      |

**Other information****Information with regard to physical hazard classes**

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**Explosive properties**

The product is not: Explosive.

**Self-ignition temperature**

Solid:

not determined

**Oxidizing properties**

Not oxidising.

**Other safety characteristics**

Evaporation rate:

No data available

Solid content:

No data available

**10. Stability and reactivity****Reactivity**

No hazardous reaction when handled and stored according to provisions.

**Chemical stability**

The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions**

Response: Oxidizing agent, strong

**Conditions to avoid**

Heat. Keep cool. Protect from sunlight.

**Incompatible materials**

No information available.

**Hazardous decomposition products**

No known hazardous decomposition products.

**11. Toxicological information****Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

| CAS No     | Components                                        |                       |         |        |        |
|------------|---------------------------------------------------|-----------------------|---------|--------|--------|
|            | Exposure route                                    | Dose                  | Species | Source | Method |
| 2082-81-7  | Tetramethylene dimethacrylate                     |                       |         |        |        |
|            | oral                                              | LD50 10066 mg/kg      | Rat     |        |        |
|            | dermal                                            | LD50 > 3000 mg/kg     | Rabbit  |        |        |
| 27813-02-1 | Methacrylic acid, monoester with propane-1,2-diol |                       |         |        |        |
|            | oral                                              | LD50 > 2000 mg/kg     | Rat     |        |        |
|            | dermal                                            | LD50 > 5000 mg/kg     | Rabbit  |        |        |
| 38668-48-3 | 1,1'-(p-Tolylimino)dipropen-2-ol                  |                       |         |        |        |
|            | oral                                              | LD50 > 25 - 200 mg/kg | Rat     |        |        |
|            | dermal                                            | LD50 > 2000 mg/kg     | Rat     |        |        |

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**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

**Sensitizing effects**

May cause an allergic skin reaction (Tetramethylene dimethacrylate; Methacrylic acid, monoester with propane-1,2-diol)

**Carcinogenic/mutagenic/toxic effects 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.

**Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, the classification criteria are not met.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**Other information**

No information available.

**12. Ecological information****Ecotoxicity**

The product is not: Ecotoxic.

**Persistence and degradability**

The product has not been tested.

**Bioaccumulative potential**

The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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**14. Transport information****U.S. DOT 49 CFR 172.101****Proper shipping name:**

Not a hazardous material with respect to these transport regulations.

**Marine transport (IMDG)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Special precautions for user**

No information available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

**15. Regulatory information****U.S. Regulations****National Inventory TSCA**

All ingredients of this mixture are included on the TSCA Inventory.

**National regulatory information**

SARA Section 311/312 Hazards:

Tetramethylene dimethacrylate (2082-81-7): Immediate (acute) health hazard

Methacrylic acid, monoester with propane-1,2-diol (27813-02-1): Immediate (acute) health hazard

1,1'-(p-Tolylimino)dipropyl-2-ol (38668-48-3): Immediate (acute) health hazard

**State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Additional information**

VOC content of cured final mixture: 42 g/L (meets SCAQMD rule 1168 for VOC content for multi-purpose construction adhesives (VOC limit = 70 g/L))

**16. Other information****Hazardous Materials Identification System (HMIS)**

Health: 2

Physical Hazard: 1

Personal Protection: -

**NFPA Hazard Ratings**

Health: 2

Flammability: 1

Reactivity: 1

Unique Hazard: -



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**Changes**

Revision date: 02/18/2025  
Revision No: 1,21  
Flammability for HMIS and NFPA ratings not applicable.

**Abbreviations and acronyms**

ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
EC50: Effective concentration, 50%  
ErC50: EC50 in terms of reduction of growth rate  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations (DRG) for the air transport (IATA)  
IARC: International Agency for Research on Cancer  
IMDG: International Maritime Code for Dangerous Goods  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
NFPA: National Fire Protection Association  
NIOSH: National Institute for Occupational Safety and Health  
NOEC: No Observed Effect Concentration  
NTP: National Toxicology Program  
OECD: Organisation for Economic Co-operation and Development  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
SARA: Superfund Amendments and Reauthorization Act  
TLV: Threshold Limit Values  
TSCA: Toxic Substances Control Act

**Key literature references and sources for data**

Data sources: Supplier

**Other data**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

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**1. Identification****Product identifier**

Liquid Roc 700+, Comp. B

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

compound mortar B-component (hardener)

**Uses advised against**

no restriction

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

Company name: MKT Fastening LLC

Street: 1 Gunnebo Drive

Place: Lonoke, AR 72086 USA

Telephone: +1(501) 676 2222

Telefax: +1(501) 676 2524

Internet: www.mktfastening.com

**Emergency phone number:** CHEMTREC USA: +1 800 424 9300 (24/7)**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Serious eye damage/eye irritation: Eye Irrit. 2A

Respiratory or skin sensitization: Skin Sens. 1

**Label elements****29 CFR Part 1910.1200****Signal word:** Warning**Pictograms:****Hazard statements**

May cause an allergic skin reaction

Causes serious eye irritation

**Precautionary statements**

Avoid breathing vapors.

Wear protective gloves and eye protection/face protection.

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

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Dispose of contents/container to an approved waste disposal plant in accordance with local/national regulations.

**Hazards not otherwise classified**

No information available.

**3. Composition/information on ingredients****Mixtures**

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**Hazardous components**

| CAS No  | Components         | Quantity   |
|---------|--------------------|------------|
| 94-36-0 | Dibenzoyl peroxide | 5 - < 15 % |

**Further Information**

The actual concentration is withheld as a trade secret.

**4. First-aid measures****Description of first aid measures****General information**

First aider: Pay attention to self-protection! Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

**After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

**After ingestion**

Do NOT induce vomiting. Rinse mouth thoroughly with water. Medical treatment necessary.

**Most important symptoms and effects, both acute and delayed**

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

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Foam  
Extinguishing powder  
Water spray jet  
Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Full water jet

**Specific hazards arising from the chemical**

Pyrolysis products, toxic  
Carbon monoxide

**Special protective equipment and precautions for fire-fighters**

In case of fire and/or explosion do not breathe fumes.  
Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Suppress gases/vapors/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

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**General advice**

Use personal protective equipment as required. Provide adequate ventilation. Avoid contact with skin, eyes and clothes.

**Environmental precautions**

Do not allow to enter into surface water or drains.

**Methods and material for containment and cleaning up****For cleaning up**

Collect spillage. Take up mechanically, placing in appropriate containers for disposal. Suitable material for taking up: Sand

Treat the recovered material as prescribed in the section on waste disposal.

Retain contaminated washing water and dispose it.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

Use only outdoors or in a well-ventilated area.

Wear personal protection equipment (refer to section 8).

Avoid contact with skin, eyes and clothes.

When using do not eat, drink or smoke.

Wash hands thoroughly after handling.

Take off contaminated clothing and wash it before reuse.

**Advice on general occupational hygiene**

Take off contaminated clothing and wash it before reuse. Draw up and observe skin protection programme.

Wash hands thoroughly after handling. When using do not eat, drink or smoke.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

Store in a place accessible by authorized persons only.

Keep only in the original container in a cool, well-ventilated place.

**Hints on joint storage**

Do not store together with: Oxidizing agent, strong

Do not use for products which come into contact with the food stuffs.

**Further information on storage conditions**

Keep container tightly closed in a cool place.

storage temperature: 5 - 25°C (41 - 77 F)

**8. Exposure controls/personal protection****Control parameters****Exposure limits**

| CAS No  | Substance                           | ppm | mg/m <sup>3</sup> | f/cc | Category  | Origin |
|---------|-------------------------------------|-----|-------------------|------|-----------|--------|
| 94-36-0 | Benzoyl peroxide                    | -   | 5                 |      | TWA (8 h) | PEL    |
|         |                                     | -   | 5                 |      | TWA (8 h) | REL    |
| 56-81-5 | Glycerin (mist) Respirable fraction | -   | 5                 |      | TWA (8 h) | PEL    |

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**Additional advice on limit values**

This mixture contains quartz filler which is firmly bound in the paste-like component and therefore not freely available during use. Dust inhalation is excluded.

**Exposure controls****Appropriate engineering controls**

Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear safety goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

**Hand protection**

Wear chemical resistant protective gloves.

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**9. Physical and chemical properties****Information on basic physical and chemical properties**

|                                                           |                                                                                                  |                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------|
| Physical state:                                           | solid (pasty)                                                                                    |                        |
| Color:                                                    | black                                                                                            |                        |
| Odor:                                                     | characteristic                                                                                   |                        |
| Odour threshold:                                          | No data available                                                                                |                        |
| Melting point/freezing point:                             |                                                                                                  | No data available      |
| Boiling point or initial boiling point and boiling range: |                                                                                                  | No data available      |
| Flammability:                                             |                                                                                                  | Combustible            |
| Lower explosion limits:                                   |                                                                                                  | not applicable         |
| Upper explosion limits:                                   |                                                                                                  | not applicable         |
| Flash point:                                              |                                                                                                  | not applicable         |
| Auto-ignition temperature:                                |                                                                                                  | not applicable         |
| Decomposition temperature:                                | Start of decomposition: >35 (95 F) °C                                                            |                        |
| pH-Value:                                                 | The study does not need to be conducted because the substance is known to be insoluble in water. |                        |
| Viscosity / kinematic:                                    |                                                                                                  | not applicable         |
| Water solubility:                                         | The study does not need to be conducted because the substance is known to be insoluble in water. |                        |
| Solubility in other solvents                              |                                                                                                  |                        |
| No data available                                         |                                                                                                  |                        |
| Partition coefficient n-octanol/water:                    |                                                                                                  | not applicable         |
| Vapor pressure:                                           |                                                                                                  | No data available      |
| Density (at 20 °C):                                       |                                                                                                  | 1,59 g/cm <sup>3</sup> |

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Relative vapour density:

not applicable

Particle characteristics:

No data available

**Other information****Information with regard to physical hazard classes**

Explosive properties

The product is not: Explosive.

Self-ignition temperature

Solid:

not determined

Oxidizing properties

Not oxidising.

Available oxygen content: 0,74 %

**Other safety characteristics**

Evaporation rate:

not determined

Solid content:

No data available

**10. Stability and reactivity****Reactivity**

see section 10.3

**Chemical stability**

The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions**

Violent reaction with: Oxidising agent

**Conditions to avoid**

see section 7.2

**Incompatible materials**

Oxidizing agent, strong

**Hazardous decomposition products**

Benzoic acid

Benzene

Biphenyl

**11. Toxicological information****Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 5000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

| CAS No  | Components         |                   |         |        |        |
|---------|--------------------|-------------------|---------|--------|--------|
|         | Exposure route     | Dose              | Species | Source | Method |
| 94-36-0 | Dibenzoyl peroxide |                   |         |        |        |
|         | oral               | LD50 > 5000 mg/kg | Rat     |        |        |

**Irritation and corrosivity**

Serious eye damage/eye irritation: Causes serious eye irritation

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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**Sensitizing effects**

May cause an allergic skin reaction (Dibenzoyl peroxide)

**Carcinogenic/mutagenic/toxic effects 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.

**Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, the classification criteria are not met.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): Benzoyl peroxide (CAS 94-36-0) is listed in group 3.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**12. Ecological information****Ecotoxicity**

The product is not: Ecotoxic.

OECD 201 (Desmodesmus subspicatus )

IC10: (0 - 72 h) = 30 mg/l

IC50: (0 - 72 h) = 150 mg/l

OECD 202 (Daphnia magna)

EC0/NOEC (48h) = 100 mg/l

EC50 (48h) = >500 mg/l

EC100 (48h) = >>500 mg/l

OECD 203 (Danio rerio)

LC0/NOEC : 250 mg/l

LC50 : > 500 mg/l

LC100 : >> 500 mg/l

**Persistence and degradability**

The product has not been tested.

**Bioaccumulative potential**

The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**14. Transport information****U.S. DOT 49 CFR 172.101****Proper shipping name:**

Not a hazardous material with respect to these transport regulations.

**Marine transport (IMDG)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Special precautions for user**

No information available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

**15. Regulatory information****U.S. Regulations****National Inventory TSCA**

All ingredients of this mixture are included on the TSCA Inventory.

**National regulatory information**

SARA Section 311/312 Hazards:

Benzoyl peroxide (94-36-0): Reactive, Immediate (acute) health hazard

SARA Section 313 Toxic release inventory:

Benzoyl peroxide (94-36-0): De minimis limit = 1.0 %, Reportable threshold = Standard

**State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Additional information**

VOC content of cured final mixture: 42 g/L (meets SCAQMD rule 1168 for VOC content for multi-purpose construction adhesives (VOC limit = 70 g/L))

**16. Other information****Hazardous Materials Identification System (HMIS)**

Health: 2

Physical Hazard: 1

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Personal Protection: X

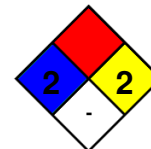
**NFPA Hazard Ratings**

Health: 2

Flammability:

Reactivity: 2

Unique Hazard: -

**Changes**

Revision date: 02/18/2025

Revision No: 1,19

Flammability for HMIS and NFPA ratings not applicable.

**Abbreviations and acronyms**

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations

EC50: Effective concentration, 50%

ErC50: EC50 in terms of reduction of growth rate

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations (DRG) for the air transport (IATA)

IARC: International Agency for Research on Cancer

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

NOEC: No Observed Effect Concentration

NTP: National Toxicology Program

OECD: Organisation for Economic Co-operation and Development

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

SARA: Superfund Amendments and Reauthorization Act

TLV: Threshold Limit Values

TSCA: Toxic Substances Control Act

**Key literature references and sources for data**

Data sources: Supplier

**Other data**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*