

Safety data sheet
according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

1 Identification

- **Product identifier**
 - **Trade name: X60-A**
 - **Other means of identification**
 - **Article number: 1-X60-A**
 - **Relevant identified uses of the substance or mixture and uses advised against**
 - **Product category** PC1 Adhesives, sealants
 - **Application of the substance / the mixture**
Adhesives
Hardening agent/ Curing agent
 - **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
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+353 1 837 9964 for medical professionals
+353 1 809 2166 for public inquiries
CHEMTREC: +44 20 3807 3798 (24h emergency call).
Outside continental USA please call CHEMTREC at +1-703-527-3887 (R-calls are accepted).

2 Hazards identification

- **Classification of the substance or mixture**



Skin Sens. 1 H317 May cause an allergic skin reaction.

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

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

(Contd. on page 2)

Safety data sheet

according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

Trade name: X60-A

(Contd. from page 1)

- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard-determining components of labelling:**

dibenzoyl peroxide

- **Hazard statements**

H317 May cause an allergic skin reaction.

- **Precautionary statements**

P261 Avoid breathing dust

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

Please refer to further labelling elements in section 15 of this safety data sheet, if applicable.

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**

- **Description:** Mixture of the substances listed below, possibly with undeclared additives.

- **Dangerous components:**

1317-65-3	Limestone	50 - 100%
94-36-0	dibenzoyl peroxide Org. Perox. B, H241; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); Eye Irrit. 2, H319; Skin Sens. 1, H317	≥ 2.5 - < 10%

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

4 First-aid measures

- **Description of first aid measures**

- **General information**

Personal protection for the First Aider.

If symptoms occur or in case of doubt consult a doctor.

- **After inhalation** Supply fresh air and call for doctor for safety reasons.

- **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- **After eye contact**

Remove contact lenses if possible.

Rinse opened eye for several minutes under running water.

(Contd. on page 3)

Safety data sheet according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

Trade name: X60-A

(Contd. from page 2)

- In case of permanent aches and pains please go and see the doctor.*
- Do not rub eyes dry, the mechanical stress can cause additional cornea damages.*
- **After swallowing** Rinse out mouth and then drink plenty of water.
- **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.
The product itself does not burn.
- **For safety reasons unsuitable extinguishing agents** None known.
- **Special hazards arising from the substance or mixture**
Inhalation of combustion gases may cause serious health hazards.
During incomplete combustion carbon monoxide can be formed.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information** Remove goods in stock from incendiary zone, if possible.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **For non-emergency personnel** Avoid contact with the product.
- **For emergency responders** Put on suitable personal protective equipment.
- **Environmental precautions:** Do not allow to enter drainage system, ground/soil and water bodies.
- **Methods and material for containment and cleaning up:**
Collect mechanically.
Avoid dust generation.
- **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 information on disposal.

7 Handling and storage

- **Precautions for safe handling** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Handling**
Do not eat, drink or smoke while working.
Avoid direct contact with eyes, skin and clothing.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

(Contd. on page 4)

Safety data sheet

according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

Trade name: X60-A

(Contd. from page 3)

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

8 Exposure controls/personal protection

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

WEL: workplace exposure limit

OEL: Occupational Exposure Limit

1317-65-3 Limestone

WSH (Singapore)	Long-term value: 10 mg/m ³
PEL (Malaysia)	Long-term value: 10 mg/m ³
WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable

94-36-0 dibenzoyl peroxide

WSH (Singapore)	Long-term value: 5 mg/m ³
PEL (Malaysia)	Long-term value: 5 mg/m ³
WEL (Great Britain)	Long-term value: 5 mg/m ³

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

- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
Take off all contaminated clothing immediately.
Wash hands during breaks and at the end of the work.
Do not eat, drink or smoke while working.
Wash contaminated clothing before re-use.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves.

Only use chemical-protective gloves with CE-labelling of category III (EN 374).

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.
Nitrile rubber, NBR
- **Penetration time of glove material**
With solid dry substances permeation is not to be expected. Therefore the breakthrough-time for this protective glove has not been measured.
With a lamination strength of 0,11 mm the permeation time is > 480 min.

(Contd. on page 5)

SG

Safety data sheet

according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

Trade name: X60-A

(Contd. from page 4)

· **Eye protection:**

Safety goggles according to EN 166.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**· **General Information**· **Physical state**

Solid

· **Colour:**

White

· **Odour:**

odourless

· **Odour threshold:**

Not determined.

· **pH-value:**

Not applicable.

· **Melting point/freezing point:**

Not determined

· **Initial boiling point and boiling range:**

Not determined

· **Flash point:**

Not applicable

· **Evaporation rate**

Not applicable.

· **Inflammability (solid, gaseous)**

Not determined.

· **Critical values for explosion:**· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Vapour pressure:**

Not applicable.

· **Vapour density**

Not applicable.

· **Density at 20 °C**2.3 - 2.8 g/cm³· **Relative density**

Not determined.

· **Solubility in / Miscibility with**· **Water:**

Insoluble

· **Partition coefficient: n-octanol/water:**

Not determined.

· **Auto-ignition temperature:**

Product is not selfigniting.

· **Decomposition temperature:**

Not determined.

· **SADT**· **Viscosity:**· **kinematic:**

Not applicable.

· **dynamic:**

Not applicable.

· **Particle characteristics**

No further details.

· **Other information**· **Appearance:**· **Form:**

Solid material.

· **Important information on protection of health and environment, and on safety.**· **Self-inflammability:**

Product is not selfigniting.

· **Explosive properties:**

Product is not explosive.

10 Stability and reactivity

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

(Contd. on page 6)

Safety data sheet

according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

Trade name: X60-A

(Contd. from page 5)

- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored 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:**
None in case of intended use and storage in compliance with instructions.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

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

1317-65-3 Limestone

Oral	LD50	6,450 mg/kg (Rat)
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94-36-0 dibenzoyl peroxide

Oral	LD50	> 5,000 mg/kg (Rat)
Inhalative	LC50	> 24.3 mg/l/4h (Rat)

- **Respiratory or skin sensitisation** Sensitization possible by skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

1317-65-3 Limestone

LC50	> 56,000 mg/l/96h (Gambusia affinis)
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94-36-0 dibenzoyl peroxide

EC50 (static)	0.11 mg/l/48h (Daphnia magna) (OECD 202)
LC50	0.06 mg/l/96h (Oncorhynchus mykiss) (OECD 203)
EC50 (static)	0.0711 mg/l/72h (Raphidocelis subcapitata) (OECD 201)
NOEC (static)	0.02 mg/l/72h (Raphidocelis subcapitata) (OECD 201)
NOEC	0.0316 mg/l/96h (Oncorhynchus mykiss) (OECD 203)

- **Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **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** No further relevant information available.

(Contd. on page 7)

-SG

Safety data sheet

according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

Trade name: X60-A

(Contd. from page 6)

- **Additional ecological information:**

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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:**

Dispose of packaging according to regulations on the disposal of packagings.

Non contaminated packagings can be used for recycling.

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

- **Recommended cleaning agent:** *Water, if necessary with cleaning agent.*

14 Transport information

- **UN-Number**

- **ADR/RID, IMDG, IATA** Void

- **UN proper shipping name**

- **ADR/RID, ADN, IMDG, IATA** Void

- **Transport hazard class(es)**

- **ADR/RID, ADN, IMDG**

- **Class** Void

- **IATA**

- **Class** Void
Not Restricted.

- **Packing group**

- **ADR/RID, IMDG, IATA** Void

- **Environmental hazards:** Not applicable.

- **Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

- **Transport/Additional information:** Not dangerous according to the above specifications.

- **Special precautions for user** Not applicable.

- **UN "Model Regulation":** Void

15 Regulatory information

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

No further relevant information available.

(Contd. on page 8)

Safety data sheet

according SS 586 : Part 3

Date of issue: 31.08.2025

Version number 1

Revision: 21.08.2025

Trade name: X60-A

(Contd. from page 7)

- **Poisons Act - Schedule 1**

None of the ingredients is listed.

- **Poisons Act - Schedule 2, Group II**

None of the ingredients is listed.

- **Health Products Act - First Schedule - Psychotropic Substances**

None of the ingredients is listed.

- **National regulations**

- **Water hazard class:**

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

None of the ingredients is contained.

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

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H241 Heating may cause a fire or explosion.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

- **Department issuing data specification sheet:**



This Safety Data Sheet has been drawn up in cooperation with:

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- **Kit-Components:**

- **Abbreviations and acronyms:**

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Org. Perox. B: Organic peroxides – Type B

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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