

CB Intumescent Strip



Safety Data Sheet

1. Identification of substance/mixture and of the company

1.1 Product Identifier	Securo CB Intumescent Strip construction materials
1.2 Relevant Identified uses of substance or mixture and uses advised against	Structural fire protection under influence of temperature intumescent building material
1.3 Details of the supplier of the safety data sheet	Securo AS, Industrivegen 10, 7650 Verdal Norway Tel: +47 99 41 90 00 Email: post@securo.no; Web: www.securonorway.no
1.4 Emergency telephone number	Main office between 08:00 to 15:00 CET + 47 99 41 90 00

2. Hazards identification

2.1 Classification of the substance of mixture	The mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008. Harmful physical-chemical, health and environmental effects to our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
2.2 Label elements	No labelling applicable.
2.3 Other hazards	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

3. Composition / Information on ingredients

3.1 Substances	Not applicable
3.2 Mixtures Chemical characterization	Intumescent flame retardant system consisting of: source of carbon, bonding material, special additives. The product contains: Flame retardant Hazardous components: not applicable This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II.

4. First aid measures

4.1 Description of first aid measures

After inhalation

Remove person to fresh air and keep comfortable for breathing.

After contact with skin

Wash skin with plenty of water.

After contact with eyes

Rinse eyes with water as a precaution.

After ingestion

Call a poison centre or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

All extinguishing media allowed.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

Fire Hazard

Product does not burn, fire-extinguishing activities according to surrounding.

Explosion Hazard

Product is not explosive.

Hazardous decomposition products in case of fire

Toxic fumes may be released.

5.3 Advice for firefighters

Do not attempt to act without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures

Avoid contact with eyes, skin or mucous membrane.
Evacuate the danger area. Evacuate personnel to a safe area.

For non-emergency personnel

Ventilate spillage area.

For emergency responders

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Mechanically recover the product. Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

7. Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed

Avoid creating or spreading dust. Do not breathe dust.

Precautions for safe handling

Ensure adequate ventilation, especially in confined areas.
Wear personal protective equipment.

Hygiene measures

Do not eat, drink or smoke when using this product.
Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in well-ventilated place. Keep cool.

Information on mixed storage

Keep away from food, drink and animal feed stuffs.

Storage area

Protect from moisture

7.3 Specific end use(s)

See Section 1.

8. Exposure controls/personal protection

8.1 Control parameters

- 8.1.1 National occupational exposure and biological limit values:
No additional information available.
- 8.1.2 Recommended monitoring procedures:
No additional information available.
- 8.1.3 Air contaminants formed
No additional information available.
- 8.1.4 DNEL and PNEC
No additional information available.
- 8.1.5 Control banding
No additional information available.

8.2 Exposure controls

- 8.2.1 Appropriate engineering controls
Ensure good ventilation at the work station.
- 8.2.2.1 Eye and face protection
In case of dust production, use protective goggles.
- 8.2.2.2 Skin protection
Wear suitable protective clothing and use protective gloves in the event of intensive contact.
- 8.2.2.3 Respiratory protection
Disk mask with filter type P2.
- 8.2.2.4 Thermal hazards
No additional information available.
- 8.2.3 Environmental exposure controls
Avoid release to the environment.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid
Colour:	According to product specification
Odour:	Slight, characteristic
pH value:	Not available
<u>Changes in physical state</u>	
Melting point:	Not available
Initial boiling point and range:	Not available
Sublimation point:	Not applicable
Flash point:	Not applicable
Sustaining combustion:	Not sustaining combustion
<u>Flammability</u>	
Solid:	Not applicable
<u>Explosion properties</u>	
Lower explosion limits (LEL):	The product is not explosive.
Upper explosion limits (UEL):	Not determined
Ignition temperature:	Not applicable
<u>Auto-ignition temperature</u>	
Solid:	Not applicable
Decomposition temperature:	Not available

Oxidizing properties	The product is not self-igniting
Vapour pressure:	Not applicable
Density (@20°C):	Not determined
Water solubility (@20°C):	Insoluble
Solubility in other solvents	Not determined
Partition coefficient:	Not applicable
Viscosity / dynamic (@20°C):	Not applicable
Viscosity / kinematic (@20°C):	Not applicable

9.2 Other information

9.2.1	Information with regard to physical hazard classes No additional information available
9.2.2	Other safety characteristics VOC content – 0%

10. Stability and reactivity

10.1 Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
10.4 Conditions to avoid	None under recommended storage and handling conditions (see section 7).
10.5 Incompatible materials	Strong oxidizing agents, strong acids and strong bases.
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Information on toxicological effects

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Germ cell mutagenicity	Not classified
Reproductive toxicity	Not classified
STOT- single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
11.2 Information on other hazards	No additional information available

12. Ecological information

12.1 Toxicity

Ecology – General

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short term (acute)

Not classified

Hazardous to the aquatic environment, long term (chronic)

Not classified

12.2 Persistence and degradability

No additional information available

12.3 Bio-accumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Endocrine disrupting properties

No additional information available

12.7 Other adverse effects

No additional information available

13. Disposal considerations

13.1 Waste treatment methods

Waste from residues/unused products

Dispose of contents/container in accordance with licensed collector's sorting instructions.

European Waste Catalogue (EWC)

17 09 04 - mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

14. Transport information

ADR

IMDG

IATA

AND

RID

Not regulated

Not regulated

14.1 UN number or ID number

Not regulated

Not regulated

Not regulated

Not regulated

Not regulated

14.2 UN proper shipping name

Not regulated

Not regulated

Not regulated

Not regulated

Not regulated

14.3 Transport hazard class(es)

Not regulated

Not regulated

Not regulated

Not regulated

Not regulated

14.4 Packing group

Not regulated

Not regulated

Not regulated

Not regulated

Not regulated

14.5 Environmental hazards

Not regulated

Not regulated

Not regulated

14.6 Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. Regulatory information

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

15.1.1 EU Regulations

REACH Annex XVII (Restriction list)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorization list)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutant(s))

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content: 0%

Explosive Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosive Precursors list (Regulation EU 2019/1148 on the marketing and use of explosive precursors)

15.1.2 National Regulations

No additional information available

15.2 Chemical Safety assessment

No chemical safety assessment has been carried out

16. Other information

Changes

Updated 2023

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE	Acute Toxicity Estimate.
BCF	Bioconcentration factor.
BLV	Biological limit value.
BOD	Biochemical oxygen demand.
COD	Chemical oxygen demand.
DMEL	Derived Minimal Effect level.
DNEL	Derived-no Effect level.
EC-NO.	European Community Number.
EC50	Median effective concentration.
EN	European standard.
IARC	International Agency for Research on Cancer.
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous goods.
LC50	Median lethal concentration.
LD50	Median lethal dose.
LOAEL	Lowest Observed Adverse Effect level.
NOAEL	No-Observed Adverse Effect Level.
NOAEC	No-Observed Adverse Effect Concentration.
NOEC	No-Observed effect Concentration.
OECD	Organisation for Economic Co-operation and Development.
OEL	Occupational Exposure Limit.
PBT	Persistent Bioaccumulative Toxic.
PNEC	Predicted No-Effect Concentration.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
SDS	Safety Data Sheet.
STP	Sewage treatment plant.
THOD	Theoretical oxygen demand.
TLM	Median Tolerance Limit.
VOC	Volatile Organic Compounds.
CAS-NO.	Chemical Abstract Service number.
N.O.S	Not Otherwise Specified.
VPVB	Very Persistent and Very Bioaccumulative.
ED	Endocrine disrupting properties.
DOT	Department of Transport.

TDG	Transportation of Dangerous Goods.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals.
IBC-CODE	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk.
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships.
ADG	Transport of Australian Dangerous Goods.
Further Information	Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.