

Contego Intumescent Fire Barrier Latex (Original Formula)

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 878/2020
Issue date: October 22nd, 2021, Revision Date: n/a Revision Number: 0 (new document)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Contego Intumescent Coating

Unique Formula Identifier: Contego Original Formula

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Fire barrier paint for professional use only.

1.2.1. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Contego International Inc
P.O Box 49
1013 Arthur Street
Rochester, IN 46975
USA

T: +1-317-966-2189

E-mail address of competent person responsible for the SDS: john@contegointernational.com

1.4. Emergency telephone number

Emergency number: National Poisons Information Centre UK. 0344-892011

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This product is not considered hazardous

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Statement (CLP): EUH208: Contains a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one & 2-methyl-4-isothiazolin-3-one. May produce an allergic reaction.

2.3. Other hazards

The product 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

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
5-chloro-2-methyl-4-isothiazolin-3-one	CAS-No: 26172-55-4	0.07	This product does not require classification and labelling as hazardous according to CLP/GHS
2-methyl-4-isothiazolin-3-one	CAS-No: 2682-20-4	0.03	

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth or to an unconscious person.

First-aid measures after inhalation: Remove to fresh air and keep person warm and at rest positioned to allow for comfortable breathing.

First-aid measures after skin contact: Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If skin irritation occurs, obtain medical advice.

First-aid measures after eye contact: Contact lenses should be removed. For at least 10 minutes, and holding the eyelids apart, irrigate the eye with copious amounts of clean, cold fresh water. If eye irritation or redness occurs, obtain medical advice.

First-aid measures after ingestion: If accidentally swallowed, rinse mouth with clean cold water. Drink plenty of clean cold water. Do not induce vomiting. Never give anything by mouth to an unconscious patient.

In all cases of inhalation, skin contact, eye contact or ingestion, medical advice is suggested.

Protection of first aiders: Ensure that first aiders are aware of the contents of this MSDS and that precautions are taken to protect themselves.

4.2. Most important symptoms both acute and delayed

Skin: No symptoms anticipated.

Eye: There may be irritation and redness.

Ingestion: No symptoms anticipated. If there is any persistent discomfort, seek medical advice.

Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

None required. If any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The liquid product is non-flammable.

Unsuitable extinguishing media: None

Use extinguishing media that are appropriate to local circumstances and environment.

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5.2. Special hazards arising from the substance or mixture

Fire hazard: Product does not burn, fire-extinguishing activities according to surrounding environment.

Hazardous decomposition products in case of fire: Toxic fumes may be released. See Section 10 for information.

5.3. Advice for firefighters

Protection during firefighting: Subject to local circumstances, appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow fire fighting water run-off to enter drains, sewers, or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. The wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of this material safety data sheet) to prevent contamination of the skin, eyes, and personal clothing.

6.1.2. For emergency personnel

Do not attempt to act without suitable firefighting protective clothing. For further information, refer to Section 8 'Exposure controls/personal protection

6.2. Environmental precautions

Do not allow to enter drains, or sewers. If the product enters water courses, the local water company should be informed immediately. In case of contamination of streams, rivers, or lakes, immediately contact the Environmental Agency.

6.3. Methods and material for containment and cleaning up

6.3.1. Methods for containment: Encircle the spillage with absorbent such as vermiculite or sawdust. Cover drains.

6.3.2. Methods for cleaning up: Soak up spilled material with absorbent material such as vermiculite or sawdust. Shovel absorbent material into plastic (HDPE or PVC) bags. Label bags & send to a registered disposal contractor for disposal in accordance with waste regulations (see Section 13).

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling:

Avoid contact with the skin and eyes.

Smoking, eating, and drinking should be prohibited in areas of storage and use.

Avoid contact with incompatible substances.

For personal protection, see section 8.

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7.2. Conditions for safe storage, including any incompatibilities

General: Keep container closed when not in use. Ensure good housekeeping with regular stock rotation and removal of all waste.

Keep out of reach of children.

Storage conditions: Store in a dry, well-ventilated place between 5°C and 25°C and out of direct sunlight and away from sources of heat and frost.

Information on mixed storage: Keep away from food, drink, and animal feeding stuffs.

Incompatible products: Strong acids and oxidizing agents. Do not use mild steel vessels or tools to store or mix product.

7.3. Specific end use(s)

See Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Engineering Measures

Provide adequate ventilation during mixing, application and drying. This should be achieved using natural or local exhaust ventilation.

8.1.2. Recommended monitoring procedures

No information available

8.1.3. Air contaminants formed

No information available

8.1.4. DNEL and PNEC

No information available

8.1.5. Control banding

No information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure good ventilation of the workstation.

8.2.2. Individual Personal protection equipment.

Personal protective equipment:

Dust formation: dust mask. Gloves. Safety glasses.

8.2.2.1. Eye and face protection

Eye protection:

Eye protection designed to protect against liquid splashes should be worn. Advice should be sought from safety equipment suppliers on appropriate type of protective eyewear. The instructions and information provided by suppliers of safety eye protection, on the use, storage and maintenance must be followed.

8.2.2.2. Skin protection

Skin and body protection:

Cotton or a mixture of cotton/synthetic overalls should be worn. Grossly contaminated clothing should be removed, and the skin washed with warm soap and water. Following work, always wash hands before eating, smoking, using the toilet and the end of the working period.

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8.2.2.3 Hand protection:

Where skin exposure may occur, advice should be sought from glove suppliers on appropriate types of protective gloves. The instructions and information provided by glove suppliers on use, storage and maintenance must be followed. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection.

8.2.2.4 Respiratory protection

If exposure to hazardous substances cannot be controlled by the provision of natural ventilation e.g., working in enclosed areas, exposure should be controlled, where reasonably practicable, using mechanical exhaust ventilation. Where this is not reasonably practicable, suitable respiratory equipment must be worn.

8.2.3. Environmental exposure controls

Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Bright white
Odour threshold	: No data available
Melting point	: No data available
Boiling point	: 100°C
Flammability	: Non-flammable.
Explosive limits	: No data available
Lower flammability limit	: Not data available
Upper flammability limit	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature (SADT)	: Not available
pH	: 8.0 - 8.5
Kinematic viscosity	: 10,000 ± 2,500 cPs
Solubility	: Water: Dispersible

9.2. Other information

9.2.1. Information regarding physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 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 temperature and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong acids and oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

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): No known hazard.

Skin corrosion/irritation: No known hazard.

Eye damage/irritation: Contact may cause irritation.

Respiratory: No known hazard.

Carcinogenicity:

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified.

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Ecoxicity

Not regarded as dangerous to the environment. Not considered toxic to fish.

12.2. Persistence and degradability

No additional information available.

12.3. Bio accumulative potential

No additional information available.

12.4. Mobility in soil

None.

12.5. Results of PBT and vPvB assessment

No assessment required.

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2.6. Endocrine disrupting properties

None.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Do not allow to enter drains or water courses. Waste, including empty containers, are controlled waste and should be disposed of in accordance with regulations made under the 'Control of Pollution Act' and the 'Environmental Protection Act'. Using information provided in this material safety data sheet, advice should be sought from the relevant Environmental Agency whether the Special Waste Regulations apply.

SECTION 14: Transport information

When transporting within the user's premises, always transport in closed containers that are firmly sealed and upright. Ensure that the person transporting the product knows what to do in the event of an accident or spillage.

In accordance with ADR / IMDG / IATA / AND / RID

ADR	IMDG	IATA	AND	RID
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	Not regulated	Not regulated
No supplementary information available				

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

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14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

15.1.2. UK National Safety, Health and Environmental Regulations

Control of Substances Hazardous to Health Regulations 2002.

Environmental Act 1995.

Management at Health & Safety at Work Regulations 1999.

Personal Protective Equipment at Work Regulations 1992.

Waste Framework Directive 2018.

15.1.3. UK National health & Safety Executive Guidance Notes

HS(G) 258: Controlling Airborne contaminants at Work.

EH40: Occupational Exposure Limits.

EH44: Dust, General Principles of Protection.

HS(G)53: The Selection, Use and Maintenance of Respiratory Protective Equipment.

HS(G)71: Storage and Packaging of Dangerous Substances.

L23: Manual Handling Guidance on Regulations.

15.1.4. British Standard Publications

EN420: General Requirements for Gloves.

EN166: Personal Eye Protection: Specification.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information: The information contained in this document is based upon information available at the last issue date. The user of this product must verify the suitability and completeness of the information in relation to the specific use of the product. The document must not be considered as a guarantee on any specific product property. Recommendations for use should be verified by the user as to the suitability and compliance with actual requirements, specifications or any applicable codes, laws, and regulations. Contego International Inc is in no way responsible, nor accountable for the improper storage, handling or use of this product.

The data within sections 4 to 8, as well as 10 to 12, do partly not refer to the regular handling or use of the product (in this sense consult information on use and on product), but amounts in case of an accidents and similar irregularities. The information describes exclusively the safety requirements for the product and is based on the present level of our knowledge.

END OF MATERIAL SAFETY DATA SHEET