

VISIBLE[®] Acoustic Spray



SAFETY DATA SHEET

TRADE NAME / SUBSTANCE NAME: VISIBLE[®] Acoustic Spray

Invisible[®] Acoustic Ceilings Scandinavia Oy
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INFO AND SALES

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*) Certificates will be provided by Invisible Acoustic Ceilings Scandinavia Ltd.

VISIBLE[®] Acoustic Spray

1

2



VISIBLE[®] ADHESIVE COMPONENT No 1/ 2

21A-COMPONENT No 1/ 2
VISIBLE[®] ADHESIVE • VISIBLE[®] LIM •
VISIBLE[®] LIIMA • VISIBLE[®] ADHÉSIF •
KLEJ DISPERSYJNY KOPOLIMER VISIBLE[®]

Packing sizes/ Pakkauskootti/ Förpackningar/
Tailles d'emballage/ Rozmiary opakowa: 15 kg



EN: **VISIBLE[®] ADHESIVE.** Recommended for use and mixing: Mix a 15 kg bucket of VISIBLE[®] Adhesive Component No 1/2 to 3,75 liters 21B-Component No 2/2 and 180 liters of fresh water. Storage: Storage time in an airtight original container at +20 °C temperature 12 months. After long storage stir before use. PROTECT FROM FREEZING. For industrial use only. Installation requirements: Authorized VISIBLE[®] acoustics professionals only. For further information, see the product data sheet.

SE: **VISIBLE[®] lim.** Recommended for use and mixing: Mix a 15 kg bucket of VISIBLE[®] Adhesive Component No 1/2 to 3,75 liters 21B-Component No 2/2 and 180 liters of fresh water. Lagring: lagringstid vid +20 °C temperatur i tät sluten originalförpackning 12 månader. Efter lång lagring bör limmet omröras före användningen. SKYDDAS MOT FROST. Endast för industriellt bruk. Installationskrav: Endast auktoriserade VISIBLE[®] akustikproffs. För mer information, se gällande produktblad.

FI: **VISIBLE[®] liima.** Suositeltu käyttö ja sekoitus: Sekoita 15 kg ampuri VISIBLE[®] Adhesive Component No 1/2, - 3,75 litraa 21B-komponentti nro 2/2 ja 180 litraa makeaa vettä. Varastointi: liima säilyy suljetussa alkuperäisastiasissa +20 °C lämpötilassa 12 kk. Pitkan varastoinnin jälkeen liima on sekoitettava ennen käyttöä. SUOJELTAVA JÄÄTYMISELTÄ. Vain teolliseen käyttöön. Asennusvaa-

timukset: Vain valtuutetut VISIBLE[®] -akustiikan ammattilaiset. Katso tarkemmat tiedot tuote-esityksestä.

FR: **VISIBLE[®] adhésif.** Recommandé pour une utilisation et un mélange: Mélanger un seau de 15 kg de Composant Adhésif VISIBLE[®] No 1/2 à 3,75 litres de composant 21B No 2/2 et 180 litres d'eau fraîche. Conservation: L'adhésif peut être conservé non ouvert dans son emballage d'origine à +20 °C pendant 12 mois. Après un long stockage, l'adhésif doit être mélangé avant utilisation. PROTÉGER DU GEL. Pour usage industriel uniquement. Exigences d'installation: Professionnels agréés en acoustique de VISIBLE[®] uniquement Lire la fiche technique de sécurité avant l'utilisation. En savoir plus dans la brochure produit.

PL: **Klej dyspersyjny kopolimer VISIBLE[®].** Zalecane stosowanie i mieszanie: Mieszać 15 kg wiadra VISIBLE[®] Adhesive Component nr 1/2 do 3,75 l 21B-Component nr 2/2 i 180 l świeżej wody. Okres przechowywania w szczelnie zamkniętym oryginalnym opakowaniu w temperaturze +20 °C: 12 miesięcy. Po dłuższym czasie przechowywania klej dokładnie wymieszać: CHRONIC PRZED MROZEM. Wyłącznie do użytku przemysłowego. Wymagania instalacyjne: Wyłącznie specjaliści ds. akustyki autoryzowani przez VISIBLE[®]. Szczegółowa informacja w karcie technicznej.

E2279-01

EN: Contains biocidal products: Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Read Safety Data Sheet before use. Use eye protection and protective gloves. Wash splashes with water. Avoid contact with eyes. After eye contact: rinse opened eye thoroughly with water. SE: Innehåller biocidprodukter: Blandning av 5-kloro-2-metyl-2H-isotiazol-3-on och 2-metyl-2H-isotiazol-3-on (3:1) 1,2-benzisotiazol-3(2H)-on. Kan orsaka en allergisk reaktion. Läs säkerhetsdatablad före användning. Använd ögonskydd och skyddshandskar. Tvätta stänk med vatten. Undvik ögonkontakt. Efter ögonkontakt: skölj öppet öga noggrant med vatten. FI: Sisältää biosidivälmisteet: Seos 5-kloori-2-metyyli-2H-isotiazol-3-oni ja 2-metyyli-2H-isotiazol-3-oni (3:1) 1,2-benzisotiazol-3(2H)-oni. Voi aiheuttaa allergisen reaktion. Lue käyttöturvallisuustiedote ennen käyttöä. Käytä silmiesiänsuojainta ja suojakäsineitä. Pesä roiskeet vedellä. Vältä katsekontaktia. Rostkeita silmiin: huuhtele avoimia olevia silmiä perusteellisesti vedellä. FR: Contient des produits biocides: Mélange de 5-chloro-2-méthyl-2H-isothiazol-3-one et 2-méthyl-2H-isothiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-on. Peut déclencher une réaction allergique. Fiche de données de sécurité disponible sur demande. PL: Zawiera produkty biobójcze. Mieszanina 5-chloro-2-metylo-2H-isotiazol-3-onu i 2-metylo-2H-isotiazol-3-onu (3:1) 1,2-benzisotiazol-3(2H)-oni. Może powodować wystąpienie reakcji alergicznej. Przed użyciem należy zapoznać się z kartą charakterystyki substancji niebezpiecznej. Należy stosować okulary ochronne oraz rękawice ochronne. Rozpryski zmywać wodą. Unikać kontaktu z oczami. W przypadku kontaktu z oczami: dokładnie przepłukać otwarte oczy wodą.

Manufactured for - Tillverkad för - Valmistuttaja - Fabriqué pour - Wyprodukowano dla: INVISIBLE Acoustic Ceilings Scandinavia Ltd (Org.id F128258097) Ahertajankuja 1 A FIN-02100 Espoo, FINLAND - Tel: +358 44 294 8711 - Email: matti@invisibleceilings.com - For further information visit www.invisibleceilings.com

VISIBLE[®] Acoustic Spray

TABLE OF CONTENTS

PARAGRAPH 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	6
1.1 PRODUCT IDENTIFIER	6
1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST	6
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	6
1.4 EMERGENCY TELEPHONE NUMBER	7
PARAGRAPH 2: HAZARDS IDENTIFICATION	7
2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	7
2.2 MARKINGS	7
2.3 OTHER HAZARDS	7
3.1 SUBSTANCES (**)	7
3.2 MIXTURES (**)	7
PARAGRAPH 4: FIRST AID MEASURES	7
4.1 DESCRIPTION OF FIRST AID MEASURES	7
4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED	8
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	8
PARAGRAPH 5: FIRE-FIGHTING MEASURES	8
5.1 EXTINGUISHING MEDIA	8
6.2 SPECIAL HAZARDS ARISING FROM A SUBSTANCE OR MIXTURE	8
5.3 FIRE-FIGHTING INSTRUCTIONS	8

VISIBLE[®] Acoustic Spray

PARAGRAPH 6: ACCIDENTAL RELEASE MEASURES	8
6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	8
6.2 ENVIRONMENTAL PRECAUTIONS	8
6.3 METHODS AND EQUIPMENT FOR PROTECTIVE STRUCTURES AND CLEANING	8
6.4 REFERENCES TO OTHER PARAGRAPHS	8
PARAGRAPH 7: HANDLING AND STORAGE	8
7.1 PRECAUTIONS FOR SAFE HANDLING	8
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	9
7.3 SPECIFIC END-USE	9
PARAGRAPH 8: EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT	9
CONTROL PARAMETERS	9
8.2 EXPOSURE CONTROLS	9
PARAGRAPH 9: PHYSICAL AND CHEMICAL PROPERTIES	10
9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES	10
9.2 OTHER INFORMATION	10
PARAGRAPH 10: STABILITY AND REACTIVITY	10
10.1 REACTIVITY	10
10.2 CHEMICAL STABILITY	10
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	11
10.4 CONDITIONS TO AVOID	11
10.5 INCOMPATIBLE MATERIALS	11

VISIBLE[®] Acoustic Spray

10.6	HAZARDOUS DECOMPOSITION PRODUCTS	11
	PARAGRAPH 11: TOXICOLOGICAL INFORMATION	11
11.1	INFORMATION ON TOXICOLOGICAL EFFECTS	11
	PARAGRAPH 12: ECOLOGICAL INFORMATION	11
12.1	TOXICITY	11
12.2	PERSISTENCE AND DEGRADABILITY	12
12.3	BIOACCUMULATION	12
12.4	MOBILITY IN SOIL	12
12.5	PBT AND VPVB ASSESSMENT RESULTS	12
12.6	OTHER ADVERSE EFFECTS	12
	PARAGRAPH 13: DISPOSAL CONSIDERATIONS	12
13.1	WASTE MANAGEMENT METHODS	12
	PARAGRAPH 14: TRANSPORT INFORMATION	12
14.1	UN NUMBER	12
14.2	UN PROPER SHIPPING NAME	12
14.3	TRANSPORT HAZARD CLASS	12
14.4	PACKING GROUP	12
14.5	ENVIRONMENTAL HAZARDS	13
14.6	SPECIAL PRECAUTIONS FOR USER	13
14.7	TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE	13
	PARAGRAPH 15: REGULATORY INFORMATION	13



Safety data sheet

This SDS is an English translation of Regulation (EU) n° 2015/830, without any country-specific legislation

VISIBLE® Acoustic Spray

15.1	SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE	13
15.2	CHEMICAL SAFETY ASSESSMENT	13
	PARAGRAPH 16: OTHER INFORMATION	14
	CHANGES TO THE PREVIOUS VERSION	14

VISIBLE® Acoustic Spray

X SAFETY DATA SHEET

CHEMICAL NOTIFICATION

(*) applies to the chemical notification only
(**) to be completed in either 3.1 or 3.2

PARAGRAPH 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name / substance name	VISIBLE®Acoustic Spray
Identification code	-
REACH registration number	-

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

Intended use verbally	Thermal and sound insulation
Sectoral code (TOL) (*)	-
Destination code (KT) (*)	32
The chemical can be used for general consumption (*)	X
The chemical is only used for general consumption (*)	-

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer, importer, single representative, downstream user, distributor)	
Distributor operating in Finland (*)	
	INVISIBLE Acoustic Ceilings Scandinavia Ltd.
Address	Ahertajankuja 1 A
Postal code and location	FI-02100 ESPOO FINLAND
P.O. Box	-
Postal code and location	-
Telephone	+358 400 444300
E-mail address	reiijo@invisibleceilings.com
Business ID (*)	2825809-7

VISIBLE® Acoustic Spray

1.4 Emergency telephone number

Emergency telephone number Europe: 112
 Poison Information Centre (Finland) +358 9 471 977

PARAGRAPH 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product has no hazard classification

2.2 Markings

-

2.3 Other hazards

-

PARAGRAPH 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances (**)

3.2 Mixtures (**)

Substance name	CAS, EC or index No.	REACH Registration No.	Concentration	Classification
Cellulose			80-90 %	
Magnesium sulphate	10034-99-8		5-15 %	
Boric acid	10043-35-3	01-21194866833	< 5.5 %	

PARAGRAPH 4: FIRST AID MEASURES

4.1 Description of first aid measures

If the product has been inhaled in large quantities

Remove person to fresh air, wash face with plenty of water, rinse mouth (and/or nose) with water. Avoid smoking; in the event of respiratory distress, seek medical attention.

If the product comes into contact with the skin

Usually no problems arise. Cleanse the clothing. Cleanse the skin with water or possibly soap or another mild cleanser.

If the product gets into the eyes

Rinse eyes with plenty of water

If the product was swallowed

Rinse mouth with plenty of water. In case of problems, seek medical advice.

VISIBLE[®] Acoustic Spray

4.2 Most important symptoms and effects, both acute and delayed

Non-existing

4.3 Indication of any immediate medical attention and special treatment needed

Non-existing

PARAGRAPH 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use an extinguishing agent adapted to the environment, such as CO₂, foam.

6.2 Special hazards arising from a substance or mixture

In case of fire, flue gases (e.g. carbon monoxide and carbon dioxide) are formed.

5.3 Fire-fighting instructions

The product contains fire protection agents and is partially water-absorbing.

PARAGRAPH 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Minimise the amount of dust. Use personal protective equipment. Otherwise, follow the instructions in Paragraphs 7 and 8. Do not breathe dust and avoid excessive skin and eye contact.

6.2 Environmental precautions

Prevent dust from spreading with the wind. Prevent dust from entering any sewer.

6.3 Methods and equipment for protective structures and cleaning

The product and dust can be vacuumed away. When sweeping, you can first spray water to bind the dust, thereafter sweep immediately. Do not use compressed air for cleaning.

6.4 References to other paragraphs

-

PARAGRAPH 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

VISIBLE[®] Acoustic Spray

Minimise the amount of dust during handling. To avoid skin and eye contact, use personal protective equipment listed in Paragraph 8. Wash your hands after handling. Keep sacks closed and dry. Use an antistatic blowing hose for installation.

7.2 Conditions for safe storage, including any incompatibilities

Storage in original packaging. Protect from moisture and open flames. Do not expose directly to severe weather conditions.

7.3 Specific end-use

PARAGRAPH 8: EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Control parameters

HTP values

Other limit values

DNEL values

PNEC values

8.2 Exposure controls

Engineering controls

Eye or face protection

Goggles

Skin protection

Protective clothing

Hand protection

Protective gloves

Respiratory protection

P2 or EN 149 FFPI

Thermal hazards

Environmental exposure controls

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PARAGRAPH 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Paper fibre insulation
Odour	-
Odour threshold	-
pH	-
Melting or freezing point	-
Boiling point and boiling range	-
Flashpoint	-
Evaporation rate	-
Flammability (solids, gases)	-
Upper and lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	25-65
Solubility (solubilities)	-
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosivity	-
Oxidising properties	-

9.2 Other information

PARAGRAPH 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable when stored according to instructions

10.2 Chemical stability

Stable under normal conditions of use

VISIBLE[®] Acoustic Spray

10.3 Possibility of hazardous reactions

No dangerous reactions under normal conditions of use. Above 200 °C, potentially dangerous gases.

10.4 Conditions to avoid

-

10.5 Incompatible materials

Strong acids and bases

10.6 Hazardous decomposition products

No hazardous decomposition products if for insulation purposes

PARAGRAPH 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

-

Skin corrosion/irritation

Repeated skin contact may cause skin sensitisation

Serious eye damage/irritation

-

Respiratory or skin sensitisation

-

Germ cell mutagenicity

-

Carcinogenic effects

-

Reproductive toxicity

-

Specific target organ toxicity — single exposure

-

Specific target organ toxicity – repeated exposure

-

Aspiration hazard

Dust from the product may irritate the respiratory tract

Other information

-

PARAGRAPH 12: ECOLOGICAL INFORMATION

12.1 Toxicity

VISIBLE[®] Acoustic Spray

12.2 Persistence and degradability

12.3 Bioaccumulation

12.4 Mobility in soil

12.5 PBT and vPvB assessment results

12.6 Other adverse effects

PARAGRAPH 13: DISPOSAL CONSIDERATIONS

13.1 Waste management methods

Waste products

The product can be reused as thermal insulation. The product can also be composted, incinerated as an energy fraction or used as a soil improver. Waste can also be sent to landfill according to the instructions of local waste companies.

Packaging waste

LDPE plastic can be sent to landfill or recycled for incineration as an energy fraction. Where possible, wooden pallets can be recycled for reuse or delivered as an energy fraction.

PARAGRAPH 14: TRANSPORT INFORMATION

The product is not subject to transportation of dangerous goods. Normal transport regulations apply: the loading compartment should be clean, the load should be bound and protected from the weather

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class

14.4 Packing group

VISIBLE® Acoustic Spray

14.5 Environmental hazards

14.6 Special precautions for user

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

PARAGRAPH 15: REGULATORY INFORMATION

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

The product is defined as an object. Size and shape are more important for primary function than chemical composition

15.2 Chemical safety assessment

PARAGRAPH 16: OTHER INFORMATION

Changes to the previous version

This is the first version of Ekovilla blowing insulation. The information provided is based on our current knowledge. The Safety Data Sheet has been prepared in the format recommended by the Finnish Safety and Chemicals Agency.

Explanations of abbreviations

-

Information sources

-

Method used to assess classification

-

List of R- and S-phrases and/or hazard and precautionary statements

-

Employee training

-

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.