

Adheseal 290 ml Brown

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
First edition: 13/06/1997 Last revision: 24/04/2024 Supersedes version of: 20/12/2022 Version: 9.0

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

1.1. Product identifier

Product form : Mixture
Name : Adheseal 290 ml Brown
Product number : 01.2447.0980

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance or preparation : Unique MS polymer based adhesive and sealant with permanent elasticity and excellent adhesion to many dry and damp surfaces.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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Schans 4
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F.: +32 (0) 14 32 60 12
hse@innotec.eu

Distributor:
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UK - SP2 7GL Salisbury, Wiltshire
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info@innotecworld.com

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch):
BIG : +32 (0) 14 58 45 45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) no 1272/2008 (CLP)

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

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 substance(s) are 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 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

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SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------|--|
| General advice | : Get medical advice/attention if you feel unwell. |
| Inhalation | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| Skin contact | : Gently wash with plenty of soap and water. Rinse with plenty of water. |
| Eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Ingestion | : Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Drink plenty of water. |

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Water spray. Carbon dioxide. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Nitrogen oxides. Carbon monoxide. Carbon dioxide. metallic oxide.

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear suitable protective clothing. Keep upwind.

6.1.1. For non-emergency personnel

| | |
|----------------------|--|
| Protective equipment | : Refer to protective measures listed in Sections 7 and 8. |
| Emergency procedures | : Evacuate unnecessary personnel. |

6.1.2. For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This product and its container must be disposed of in a safe way, and as per local legislation. |
| Other information | : Provide adequate ventilation. |

6.4. Reference to other sections

Stable in use and storage conditions as recommended in item 7. Concerning personal protective equipment to use, see section 8. Concerning disposal/elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|--|
| Technical condition(s) | : Store in a well-ventilated place. Protect against frost. Protect from heat and direct sunlight. The floor of the depot should be impermeable and designed to form a water-tight basin. |
| Special rules on packaging | : Store in a closed container. Store under dry conditions. Keep only in original container. |

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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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

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Wear security glasses which protect from splashes

8.2.2.2. Skin protection

Skin protection:

Wear suitable protective clothing

Hand protection:

In case of repeated or prolonged contact wear gloves. Where hand contact with the product may occur, the use of gloves (approved according to the EN374 standard) made from the following materials may provide suitable chemical protection: Nitrile rubber. For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes. For short-term/splash protection we recommend the same, but recognise that suitable gloves offering this level of protection may not be available. In this case a lower breakthrough time may be acceptable as long as appropriate glove maintenance and replacement regimes are rigorously followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Depending on model and material, glove thickness generally should be greater than 0,35 mm. Suitability and durability of a glove is dependent on usage (= frequency and duration of contact), chemical resistance of glove material, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly.

8.2.2.3. Respiratory protection

Respiratory protection:

No special protection required where adequate ventilation is maintained

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------------|-----------------|
| Physical state | : Liquid |
| Colour | : brown. |
| Appearance | : Viscous. |
| Odour | : slight. |
| Odour threshold | : Not available |
| Melting point/melting range | : Not available |

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| | |
|---|--|
| Freezing point | : Not available |
| Boiling point/range | : Not available |
| Flammability | : Not available |
| Explosive limits | : Not available |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : > 150 °C |
| Auto-ignition temperature | : Not self-igniting |
| Decomposition temperature | : > 250 °C |
| pH | : Not available |
| Viscosity, kinematic | : Not available |
| Solubility | : Water: Not miscible or difficult to mix. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 20 °C | : Not available |
| Density | : Not available |
| Relative density (water = 1) | : 1,5 (20 °C) |
| Vapour density | : Not available |
| Particle characteristics | : 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

V.O.C. (V.O.S.) : 0,2 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

CO. CO₂. 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) | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Skin corrosion/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Respiratory or skin sensitisation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) (Based on available data, the classification criteria are not met) |

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| | |
|------------------------|--|
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

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. Bioaccumulative 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

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste / unused products : Dispose of the small quantities as household waste.

European List of Waste (LoW, EC 2000/532) : 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09
15 01 02 - plastic packaging

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1. UN number or ID number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

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Marine pollutant : No
Further information : No supplementary information available

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

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

REACH Annex XVII (Restriction List)

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

REACH Annex XIV (Authorisation 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 Pollutants)

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)

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Explosives Precursors Regulation (2019/1148)

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

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Indication of changes | | | |
|-----------------------|-----------------|----------|----------|
| Section | Changed item | Change | Comments |
| | Supersedes | Modified | |
| | Last revision | Modified | |
| 2.2 | EUH-statements | Removed | |
| 9.2 | V.O.C. (V.O.S.) | Modified | |

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| Indication of changes | | | |
|-----------------------|------------------------------|----------|----------|
| Section | Changed item | Change | Comments |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Reason for no classification | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 15.1 | V.O.C. (V.O.S.) | Modified | |

| Abbreviations and acronyms: | |
|-----------------------------|---|
| | ACGIH = American Conference of Governmental Industrial Hygienists |
| | ADR = Accord européen sur le transport des marchandises dangereuses par Route |
| | ATE = Acute Toxicity Estimate |
| | CAS = Chemical Abstracts Service |
| | CLP = Classification, labelling and packaging |
| | CSR = Chemical Safety Report |
| | DMEL = Derived Minimal Effect Level |
| | DNEL = Derived No-Effect Level |
| | DPD = Dangerous Preparation Directive |
| | DSD = Dangerous Substance Directive |
| | EINECS/ELINCS = European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances. |
| | GHS = Globally Harmonized System of Classification and Labelling of Chemicals |
| | HTP = Haitallisiksi tunnetut pitoisuudet |
| | IATA = International Air Transport Association |
| | IMDG = International Maritime Code for Dangerous Goods |
| | ICAO = International Civil Aviation Organization |
| | IOELV = Indicative Occupational Exposure Limit Value (EU) |
| | LC50 = Lethal concentration, 50 percent |
| | LD50 = Lethal dose, 50 percent |
| | LEL = Lower Explosion Limit |
| | MAK = Maximale Arbeitsplatzkonzentrationen |
| | MAL-kode = Måleteknisk Arbejdshygienisk Luftbehov |
| | N.O.S. = Not Otherwise Specified |
| | NDS = Najwyższe Dopuszczalne Stężenie |
| | NDSch = Najwyższe Dopuszczalne Stężenie Chwilowe |
| | OEL = Occupational Exposure Limits |
| | PBT = Persistent, bioaccumulative and toxic |
| | PNEC = Predicted No-Effect Concentration |
| | REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals |

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| Abbreviations and acronyms: | |
|-----------------------------|---|
| | STOT RE = specific target organ toxicity repeated exposure |
| | STEL = Short term exposure limit |
| | RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail). |
| | STOT SE = specific target organ toxicity single exposure |
| | SVHC = Substance of Very High Concern |
| | TLV = Threshold Limit Value |
| | TRGS = Technischen Regeln für Gefahrstoffe |
| | TWA = time weighted average |
| | UEL = Upper Explosion Limit |
| | VLA-EC = valores límite ambientales para la exposición de corta duración |
| | VLA-ED = valores límite ambientales para la exposición diaria |
| | VLE = Valeur Limite d'exposition |
| | VME = Valeur Limite de Moyenne d'exposition |
| | VOC = Volatile Organic Compounds |
| | vPvB = very Persistent and very Bioaccumulative |
| | WGK = Wassergefährdungsklasse |

Disclaimer with regard to REACH:

The information provided in this Safety Data Sheet is consistent with the information in the Chemical Safety Report, as far as this information was available at the time of compilation (see last revision date).

Disclaimer:

The information of this Safety Data Sheet is based on the present state of our knowledge and on current EC and national laws, as the users' working conditions are beyond our knowledge and control. The user is always responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this Safety Data Sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The information provided relates only to the specific product designated and may not be valid for such product used in combination with any other product. The product must not be used for any purposes other than those specified without first obtaining written handling instructions.