

material safety data sheet

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

1.1 Product identifier

Product name:

CASCAMITE

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

1.3. Details of the supplier of the safety data sheet

Company name:

POLYVINE LTD
VINE HOUSE,
CHEDDAR BUSINESS PARK,
WEDMORE ROAD,
CHEDDAR BS27 3EB
ENGLAND
Tel: 0044 845 017 1671
Fax: 0044 845 017 1670
Email: laboratory@polyvine.co.uk

1.4. Emergency telephone number

Tel: 0044 845 017 1671

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards

Not regarded as a health hazard under current Legislation>

P264: Wash contaminated skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor. P321: Specific treatment (see information on this label). P261: Avoid breathing dust. P272: Contaminated work clothing should not be allowed out of the workplace. P363: Wash contaminated clothing before reuse. P302+352: IF ON SKIN: Wash with plenty of soap and water. P333+313: If skin irritation or rash occurs: Get medical advice. P501: Dispose of contents/container to approved waste disposal site. P285: In case of inadequate ventilation wear respiratory protection.

2.2. Label elements

Label elements: Precautionary statements: P102: Keep out of reach of children. P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. P262: Do not get in eyes, on skin, or on clothing. P280: Wear protective gloves and eye protection. P302+350: IF ON SKIN: Gently wash with plenty of soap and water. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

2.1: Chemical characterisation: Amino Resin

3.2. Mixtures

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Further information may be obtained from:

Polyvine Limited, Vine House, Cheddar Business Park, Wedmore Road, Cheddar, BS27 3EB

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Section 4: First aid measures

4.1. Description of first aid measures

4.1: Eye contact: Immediately flush with water for at least 15 minutes. Eyelids should be held apart during irrigation to ensure water contacts the entire surface of eyes and lids. Seek immediate medical attention.

4.2: Skin contact: Wash affected area with soap and water for 15 minutes. Remove contaminated clothing. In cases of prolonged irritation, seek medical advice.

4.3: Inhalation : If inhalation causes adverse effects, remove to fresh air. If problem persists, seek medical advice

4.4: Ingestion : If swallowed, give large volumes of milk. Do not induce vomiting. Obtain medical attention.

Section 5: Fire-fighting measures

5.1. Extinguishing media

5.1: Extinguishing media:

Vaporizing liquid type, powder, foam or CO₂, Water spray fog or mist. Very low risk of fire.

5.2: Hazardous Decomposition Products

High temperatures generate carbon dioxide (CO₂), carbon monoxide (CO)

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In a fire, hazardous decomposition products such as smoke and Carbon Monoxide may be produced.

5.3. Advice for fire-fighters

Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do NOT allow run-off from fire fighting to enter drains or water courses.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

: Ventilate the area. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing (see section 8).

6.2. Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Shovel into suitable dry containers and re-use if possible.

Flush the area with water. Ensure residue does not gain access to watercourses

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Use in well ventilated areas and avoid breathing of dust. Use an approved respirator if air is contaminated above acceptable levels.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. KEEP AWAY FROM MOISTURE minimum storage temperature 5 degrees C. Keep away from direct sunlight. Keep container tightly closed. Suitable packaging: Ideally, keep in original container. If transfer is necessary use glass or coated steel containers.

The powder resin should be stored in the original bags/containers in a cool place protected from heat. When stored at higher temperature, the storage stability will impair considerably.

Care should be taken that powder does not absorb moisture and water. The bags, which have been opened, should be carefully closed before storage. When stored in original bags at 20C, shelf life would be over six months. Towards end of its storage life, viscosity would increase and gel time would decrease.

Do not allow to reach 30C. Cascamite exposed to heat will require a lot more water to activate.

Store Cascamite in a cool dry place with the container tightly closed. Storage life at 25C More than 6 months (Cascamite) is a hygroscopic material.

Because of their affinity for atmospheric moisture, hygroscopic materials require storage in sealed containers. (Plaster and cement are hygroscopic).

Once the container is opened care should be taken to ensure that the contents has minimum contact with the air.

Powder should be removed quickly and the container resealed before continuing with bonding.

If these materials are stored in damp conditions, the container/sack is left open or if the containers are subject to large temperature variations the powder will partially react and although the product looks the same it will not work as an adhesive.

Semi activated adhesive will not mix properly and will separate out when mixing is attempted.

Stored in the correct conditions with minimum air exposure the product will last for long periods.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters Hazardous ingredients:

Workplace exposure limits: No data available.

DNEL/PNEC Values DNEL / PNEC No data available.

8.2. Exposure controls

ENGINEERING CONTROLS: The following exposure control techniques may be used to effectively minimise employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programmes are adequate.

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and airflow patterns should be provided to keep air contaminant concentrations below acceptable levels. Refer to section 2 Composition/Information on Ingredients which details specific exposure limits where applicable.

8.2. Personal Protection: Wear synthetic protective clothing (aprons and boots) if contact is likely. Where air contamination can exceed acceptable criteria, use approved respiratory protection equipment. Respirators should be chosen based upon the form and concentration of the air contaminants. Use goggles and face shield if contact is likely. Wear gloves as required to prevent skin contact.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: White

Odour: Barely perceptible odour

Solubility in water: Easily soluble in the following materials: cold water

Miscible in all proportions

Viscosity: Viscous when mixed

Boiling point/range: Approx. 100

Section 10: Stability and reactivity

10.1. Reactivity

Avoid contact with acids

10.2 Hazardous Decomposition: High temperatures generate carbon dioxide (CO₂), carbon monoxide (CO).

10.3 Materials to be avoided: Acids.

10.2. Chemical stability **Chemical stability: Stable under normal conditions.**

Chemical stability: Stable under normal storage and handling conditions (see Section 7).

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid **Conditions to avoid:**

Conditions to avoid: Not applicable. For ideal storage conditions see section 7.

10.5. Incompatible materials

Materials to avoid: Oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In a fire, hazardous decomposition products such as smoke and carbon monoxide may be produced.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: Not applicable.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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Section 12: Ecological information

Acute Toxicity LD 50 > 800 mg/Kg (Rat)

LD 50 (DERMAL) RABBIT : Not available

LC50 (INHALATION) RAT (mg/LITRE) : Not available

This chemical has good warning properties. Irritant of eyes and mucous membranes

Acute and Chronic Health Hazards – Mild dermatitis and allergic skin rash

Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

14.1. UN number UN number:

Not hazardous

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No Marine pollutant:

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006(REACH) Annex XIV- List of substances subject to authorisation Annex XIV None of the components are listed. Substances of very high concern None of the components are listed. Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Other EU regulations: Not applicable. VOC: Not available. Europe inventory: At least one component is not listed. International regulations Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed. Montreal Protocol (Annexes A, B, C, E) Not listed. Stockholm Convention on Persistent Organic Pollutants Not listed. Rotterdam Convention on Prior Inform Consent (PIC) Not listed. UNECE Aarhus Protocol on POPs and Heavy Metals Not listed. 15.2 Chemical Safety Assessment: Not applicable

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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Section 16: Other information

Full text of abbreviated H: statements Full text of classifications: [CLP/GHS] Full text of abbreviated R phrases Full text of classifications [DSD/DPD] Notice to reader: R22- Harmful if swallowed. R36/38- Irritating to eyes and skin. R43- May cause sensitisation by skin contact. R50- Very toxic to aquatic organisms. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.: Xn. - Harmful Xi - Irritant N - Dangerous for the environment: 10-6-2015. : 10-6-2015. : No previous validation

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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