

MATERIAL SAFETY DATA SHEET**CASCAMITE/EXTRAMITE WOOD GLUE**

Revision Date: 00/08/2002

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**1.1 PRODUCTS IDENTIFICATION:** Cacamite/Extramite Wood Glue**1.2 USE OF SUBSTANCE:** No information supplied**1.3. COMPANY:** C.A. Clemson & Sons Ltd
Shenstone Trading Estate
Bromsgrove Road
Halesowen
West Midlands
B63 3XB
Telephone Number: 0121 550 0116
Fax Number: 0121 585 5058**1.4. EMERGENCY TELEPHONE:** 0121 550 0116**2. HAZARDS IDENTIFICATION**

Not regarded as a health or environmental hazard under current legislation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EINECS	CAS No	Content	Symbol	Risk
Formaldehyde	200-001-8	50-00-0	0 – 1%	T	23/24/25, 34, 40, 43
Urea Formaldehyde Polymer		68002-18-6	60 – 100%	NC	Not Classified
Inorganic Salt			1 – 5%	NC	Not Classified

The full text for all R-Phrases are shown in Section 16

Composition Comments:

Urea Formaldehyde Resin Glue

4. FIRST-AID MEASURES**General:**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation:

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

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Eye Contact:

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Skin Contact:

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Wash skin with soap and water. Get medical attention if irritation persists after washing.

Ingestion:

DO NOT induce vomiting. Immediately rinse mouth and provide fresh air. Get medical attention. Drink plenty of water.

5. FIRE FIGHTING MEASURES**Extinguishing Media:**

Fire can be extinguished using: Water spray, fog or mist. Foam. Powder.

Hazardous Combustion Products:

Fire or high temperatures create: Carbon dioxide (CO²), Carbon monoxide (CO)

6. ACCIDENTAL RELEASE MEASURES**Spill Clean Up Methods:**

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Should be prevented from entering drains.

7. HANDLING AND STORAGE**Usage Precautions:**

Avoid spilling, skin and eye contact. Persons susceptible for allergic reactions should not handle this product.

Avoid handling which leads to dust formation.

When blended with water, the concentration of free formaldehyde of the reconstituted resin will increase to a value of 1 to 2% (w/w)

The reconstituted product must therefore be considered to be Harmful for Supply, with the following risk phrases. Possible risk of irreversible effect and may cause sensitization by skin contact.

Safety phrases as used in Section 15 should also be used.

Care must be taken when opening containers due to a small build up of formaldehyde gas

Storage Precautions:

Keep in cool, dry ventilated storage and closed containers. Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Name:	CAS No:	STD:	LT EXP 8Hrs:	ST EXP 15 Mins:
Formaldehyde	50-00-0	MEL	2ppm	2 ppm

Protective Equipment:



Ventilation:

Provide adequate general and local exhaust ventilation

Respirators:

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³

Protective Gloves:

For prolonged or repeated skin contact use suitable protective gloves

Eye Protection:

Wear approved chemical safety goggles where eye exposure is reasonably probable

Other Protection:

Wear appropriate clothing to prevent any possibility of skin contact

Hygienic Work Practices:

DO NOT SMOKE IN WORK AREA!

Wash at end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder, dust
Color: Off-white
Density/Specific Gravity (g/ml): 0.7 **Temperature (°C):** 20°C

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10. STABILITY AND REACTIVITY**Stability:**

Normally stable

Conditions to Avoid:

Avoid heat, flames and other sources of ignition. Avoid dust close to ignition sources. Avoid contact with acids.

Hazardous Decomposition Products:High temperatures generate: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).**11. TOXICOLOGICAL INFORMATION****Toxic Dose – LD50:**

> 5000 mg/kg (oral rat)

Inhalation:

May cause irritation to the respiratory system. Irritation of nose due to vapour or dust contact.

Ingestion:

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin Contact:

May cause sensitisation by skin contact

Eye Contact:

May cause severe irritation to eyes

12. ECOLOGICAL INFORMATION**Ecological Information:**

Urea-Formaldehyde polymer is slowly but not readily biodegradable.

TOC removal 28 days 61%. BOD₂₈; 0.62mg/mg substance. Notification 28 days; 0.45mgNO₃-N/mg substance. Fomraldehyde; No bioconcentration. Biodegradation; BOD₅/COD; 0.68 (Readily biodegradable)**Water Hazard classification:**

Do not discharge product into drains and sewers.

Urea-formaldehyde polymer – very low fish toxicity, no inhibition of activated sludge at 140mg/l suspended solids.

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13. DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION**General:**

Not classified as hazardous for transport

Sea Transport:**Marine Pollutant:**

N/A

15. REGULATORY INFORMATION**Risk Phases:**

Not classified

Safety Phases:**S22** Do not breathe dust**S24** Avoid contact with skin**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice**S36/37/39** Wear suitable protective clothing, gloves and eye/face protection**S45** In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)**EU Directives:**

System of specific information relating to Dangerous Preparations 91/155. Dangerous Substance Directive 67/548. Dangerous Preparations Directive 88/379

Statutory Instruments:

Chemicals (Hazard Information and Packaging) Regulations. Control of substances Hazardous to Health

Approved Code of Practice:Classification and Labelling of Substances and Preparations Dangerous for Supply.
Safety Data Sheets for Substances and Preparations L62**Guidance Notes:**

CHIP for everyone HSG(108).

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16. OTHER INFORMATION**Information Sources:**

Dangerous Properties of Industrial Materials Report, N Sax et,al.

Revision Comments:

CHIP Update

Revision Date:

08/02

REV. NO./REPL. SDS GENERATED

R8/08/00

SDS No:1781.0

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