



## SAFETY DATA SHEET EXTRAMITE WOOD GLUE

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

**PRODUCT NAME:** EXTRAMITE WOOD GLUE

**CHEMICAL NAME 2:** Formally Cascamite

**PART No.:** 1781.0

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### 2. 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

### 3. HAZARDS IDENTIFICATION:

Not regarded as a health or environmental hazard under current legislation.

### 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.

**INGESTION:** DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention. Drink plenty of water.

- SKIN:** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin with soap and water.
- EYES:** 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.

## 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 (CO<sub>2</sub>). Carbon monoxide (CO).

## 6. ACCIDENTAL RELEASE MEASURES:

### SPILL CLEANUP METHODS:

Wear necessary protective equipment. Ventilate well. 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 sensitisation 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.

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### 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.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

### INGREDIENT NAME:

FORMALDEHYDE

### CAS No.:

50-00-0

### STD:

MEL

### LT EXP. 8 HRS:

2 ppm

### ST EXP. 15 MIN:

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/m<sup>3</sup>.

**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 the 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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<b>APPEARANCE:</b>	Powder, dust.	
<b>COLOUR:</b>	Off-white.	
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.7	<b>TEMPERATURE (°C):</b> 20

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## 10. STABILITY AND REACTIVITY:

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**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 DECOMP. PRODUCTS:**

High temperatures generate: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

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## 11. TOXICOLOGICAL INFORMATION:

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**TOXIC DOSE - LD 50:** >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:** May cause sensitisation by skin contact.

**EYES:** May cause severe irritation to eyes.

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## 12. ECOLOGICAL INFORMATION:

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**ECOLOGICAL INFORMATION:**

Urea-Formaldehyde polymer is slowly but not readily biodegradable.  
TOC removal 28 days 61%. BOD<sub>28</sub>;0.62mg/mg substance. Nitrification 28 days; 0.45mg NO<sub>3</sub>-N/mg substance.  
Formaldehyde; No bioconcentration. Biodegradation; BOD<sub>5</sub>/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:**

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**DISPOSAL METHODS:**

Dispose of in accordance with Local Authority requirements.

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**14. TRANSPORT INFORMATION:**

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**GENERAL:** Not classified as hazardous for transport

**SEA TRANSPORT:**

**MARINE POLLUTANT:** N/A.

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**15. REGULATORY INFORMATION:**

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**RISK PHRASES:** Not classified.

**SAFETY PHRASES:**

S-22 Do not breathe dust.  
S-24 Avoid contact with skin.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S-45 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:**

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**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

**R-PHRASES (Full Text)**

R-34 Causes burns.  
R-40 Limited evidence of a carcinogenic effect.  
R-43 May cause sensitisation by skin contact.  
R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
Not classified.

THIS SDS IS PRODUCED WITH SAFECHEM for WINDOWS

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**DISCLAIMER:**

All containers of HUMBROL products are labelled in accordance with the Chemical(Hazard Information and Packaging Regulations. (CHIP)) to indicate any health and fire risks and the precautions to be taken. BEFORE USING ANY PRODUCT READ THE LABEL. NOTE PARTICULARLY ANY SPECIAL WARNINGS.

HUMBROL products are supplied for use as specified, any changes in the usage of the product are the responsibility of the customer.

This information relates only to the specific material designated and not valid for such materials used in combination with any other materials or in any process.

Such information is to the best of HUMBROL'S knowledge and belief accurate and reliable as of the date indicated.

However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use.