

Product: STAB11 Hardener

## Safety data sheet.

### Section 1. Identification of the substance/mixture & of the Company/undertaking

#### 1.1. Product identifier.

Product Name: STAB11 Hardener

#### 1.3. Details of the supplier of the safety data sheet.

Supplier. Gauge Factors Ltd, 3 Towergate Ind. Park, Colebrook Way, Andover, Hants. UK.

#### 1.4. Emergency telephone number.

+44(0)1264 336396 between 8.30 - 4.30 Mon – Fri

Email: sales@gaugefactors.com

### Section 2. Composition/Details on Constituents

2.1 Classification of the substance or mixture: 1999/45/EC: Xi; R36/38-43; R51/53. T; R23 C; R34 Xn; R21/22 Xi; R43 R52/53  
Symbols T: Toxic.

2.1.1. Classification – EC 1272/2008: Acute Tox. 4; H302; Skin corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 3: H412;

Main hazards: Harmful in contact with skin and if swallowed. Toxic by inhalation. Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 2.2 Label elements.

Hazard pictograms:



**Signal word:** Danger

#### **Hazard statements:**

Acute Tox 4: H302 – Harmful if swallowed

Skin Corr 1B. H314 – causes severe skin burns and eye damage.

Skin Sens. 1: H317 – May cause an allergic skin reaction.

Acute Tox. 4: H332 – Harmful if inhaled.

Aquatic chronic. 3 H412. Harmful to aquatic life with long lasting effects.

#### **Precautionary statements.** Prevention:

P261 – Aquatic breathing dust/fume/gas/mist/vapours/spray.

P264 – Wash thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P271 – Use only outdoors or in a well ventilated area.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P273 – Avoid release to the environment.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

#### **Precautionary statement.** Response:

P301 + P312 – IF SWALLOWED: Call a Poison Centre/doctor/ if you feel unwell

P301 + P330 + P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302 + P352 – if on skin wash with plenty of water.

P303 + P361+P353 – IF ON SKIN: (or hair)Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P310 – immediately call a POISON CENTRE/doctor.  
 P321 – Specific treatment (see on this label).  
 P330 – Rinse mouth.  
 P333 + P313 – If skin irritation or rash occurs. Get medical advice/attention.  
 P363 – Wash contaminated clothing before re-use.

**Precautionary statement.**

Disposal: P501 – Dispose of contents/container.  
 Storage: P405: Store locked up.

**Section 3. Composition/information on ingredients**
**3.2 Mixtures:**  
67/548/EEC/1999/45/EC

Chemical name	Index No.	CAS No.	EC No.	REACH registration No.	Conc. (%w/w)	Classification	M-factor
2,4,6-Tris(dimethylamino methyl)phenol	603-069-00-0	90-70-2	202-013-9		20-40%	Xn;R22 Xi;R35/38	
1,3-bis(Aminomethyl)benzene		1477-55-0	216-032-5		60-80%	T; R23 C;R34 Xn; R21/22 Xi; R43 R52/53	
Bis(dimethylamino)methylphenol		71074-89-0	275.162.0		5-10%	C; R34	

**EC 1272/2008**

Chemical name	Index No.	CAS No.	EC No.	REACH registration No.	Conc. (%w/w)	Classification	M-factor
2,4,6-Tris(dimethylamino methyl)phenol	603-074-00-8	90-72-2	202-013-9		20-40%	Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
1,3-bis(Aminomethyl)benzene		1477-55-0	<u>216-032-5</u>		60-80%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 3: H412	
Bis(dimethylamino)methylphenol		71074-89-0	275.162.0		5-10%	Skin Corr. 1B: H314	

**Section 4. First Aid Measures**
**4.1. Description of first aid measures.**

**Eye contact:** Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.

**Skin contact:** Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention. If irritation or symptoms persist.

**Inhalation:** Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.

**Ingestion:** Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. If swallowed, seek medical advice immediately and show this container or label.

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

None supplied.

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

None supplied.

**Section 5. Fire Fighting Measures.**

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5.1. Extinguishing media: Alcohol resistant foam. Carbon oxides.

5.2 Special hazards arising from the substance or mixture. Corrosive. Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for fire fighters. Self-contained breathing apparatus. Wear protective clothing.

Section 6. Accidental Release Measures.

6.1 personal precautions, protective equipment and emergency procedures. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective clothing.

6.2. Environmental precautions. Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up. Absorb with inert, absorbent material. Sweep up. Transfer to suitable labelled container for disposal. Clean spillage area thoroughly with plenty of water.

Section 7 . Handling & Storage.

7.1. Precautions for safe handling. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities. Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

Section 8. Exposure Controls/ Personal Protection

8.2 Exposure controls

8.2.1 Appropriate engineering controls: Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures: Wear chemical protective clothing.

**Eye/face protection:** Approved safety goggles.

**Skin protection – Hand protection:** chemical resistant gloves (PVC).

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties.

Appearance: Liquid

Colour: Yellow

Odour: Characteristic

Section 10. Stability and Reactivity.

10.2. Chemical stability. Stable under normal conditions.

Section 11. Toxicological Information.

**11.1 Skin corrosion/irritation:** Causes burns

12. Ecological Information.

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13. Disposal Considerations.

General information: Dispose of in compliance with all local and national regulations.

14. Transport Information.

Hazard pictograms:



14.1 U.N. Number	2735
14.2 UN proper shipping name	Amines, Liquid, Corrosive N.O.S (1,3-bis(Aminomethyl) benzene)
14.3. ADR/RID	8
Subsidiary risk IMDG	- 8
Subsidiary risk IATA	- 8
Subsidiary risk	-
14.4 Packing group	III
14.5 Environmental hazards:	Yes
Marine pollutant	Yes
ADR.RID: Hazard ID	80
Tunnel category	(E)
IMDG: EmS Code	F-A S-B
IATA: Packing instruction (Cargo)	856
Maximum quantity	60L
Packing instruction (passenger)	852
Maximum quantity	5L

Customs code: 3506-1000000 Commodity code: 3506-100000

15. Regulatory Information.

16. Other Information.

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## 16. Other information:

This product Safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

This product should only be used as stated in Gauge Factors Ltd Literature. It is the responsibility of the persons in receipt of this Safety; Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in to contact with the product, If the recipient subsequently produces a formulation containing the Gauge Factors Ltd product, it is the recipients sole responsibility to ensure the transfer of all relevant information from the Gauge Factors Ltd Product Safety Data Sheet to their own product Safety Data Sheet in compliance with Commission directive 1999/45/EC.

All sections of this Safety Data Sheet have been amended since the previous version.

All information and instructions provided in the Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Gauge Factors Ltd shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

N/k = not known  
N/a = not applicable  
N/d = not determined

**Disclaimer:** 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.

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.