















# Epox-eze

## Part B Hardener

In compliance with Chip 4 and ACOP, Compilation of Data Sheets 4th Edition, this information is provided to help inform Risk Assessments. Its contents cannot be considered to be a risk assessment under Management of Health and Safety or other such regulations. Risk assessments require consideration of other information related to the precise circumstances and situation or preparation to be used. Such information is not available to the supplier/compiler of this data.

	<b>SECTION 1</b>	<b>PRODUCT IDENTIFICATION</b>																			
	Product name Product use	Epox-eze Hardener Component of epoxy coating																			
	<b>SECTION 2</b>	<b>HAZARDS IDENTIFICATION</b>																			
	Classification 1272/2008/EC	Physical and Chemical Hazards Not classified Human health Acute Tox.4; H302+332; Sk.Corr.1B; H314; Sk.Sens.1; H317; Environment Aq.Chronic 3; H412																			
	Hazard symbols: Hazard statements:	Signal word: Danger H302+312+332 H314 H317 H412 P280 P305+351+338																			
	Precautionary statements:	Contains: Isophorone Diamine, Benzene-1,3-Dimethanamine, Nonylphenol Harmful if swallowed, in contact with skin or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do not induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. P314 Get medical advice/attention if you feel unwell. P501 Dispose of contents/container in accordance with national regulations.																			
	<b>SECTION 3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>																			
	<b>Hazardous components</b> <b>Chemical Name(s)</b>	<table border="1"> <thead> <tr> <th colspan="2">Related Information</th> <th rowspan="2">Classification / H Statements</th> </tr> <tr> <th>% (w/w)</th> <th>CAS no.</th> </tr> </thead> <tbody> <tr> <td>Benzyl Alcohol</td> <td>30-60</td> <td>100-51-6</td> <td rowspan="2">Acute Tox.4; H302+332 Acute Tox.4; H302+312; Sk.Corr.1B; H314; Sk.Sens.1B; H317; Aq.Chron.3; H412</td> </tr> <tr> <td>Isophorone Diamine</td> <td>10-30</td> <td>2855-13-2</td> </tr> <tr> <td>Benzene-1,3-Dimethanamine</td> <td>5-10</td> <td>1477-55-0</td> <td rowspan="2">Acute Tox.4; H302+332; Sk.Corr.1B; H314; Sk.Sens.1B; H317; Aq.Chron.3; H412</td> </tr> <tr> <td>Nonylphenol</td> <td>1-5</td> <td>25154-52-3</td> </tr> </tbody> </table>	Related Information		Classification / H Statements	% (w/w)	CAS no.	Benzyl Alcohol	30-60	100-51-6	Acute Tox.4; H302+332 Acute Tox.4; H302+312; Sk.Corr.1B; H314; Sk.Sens.1B; H317; Aq.Chron.3; H412	Isophorone Diamine	10-30	2855-13-2	Benzene-1,3-Dimethanamine	5-10	1477-55-0	Acute Tox.4; H302+332; Sk.Corr.1B; H314; Sk.Sens.1B; H317; Aq.Chron.3; H412	Nonylphenol	1-5	25154-52-3
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	<b>SECTION 4</b>	<b>FIRST AID MEASURES</b>																			
	Contact with Eyes Ingestion Inhalation Skin	Bathe the eye with running water for 15 minutes. Seek immediate medical advice. Do NOT induce vomiting; drink copious amounts of water and instantly call for medical help. Remove to fresh air and seek medical advice. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if burns are apparent.																			
	<b>SECTION 5</b>	<b>FIRE FIGHTING MEASURES</b>																			
	Extinguishing media Special procedures	Use Carbon Dioxide, Dry Powder or Foam. Wear self-contained breathing apparatus for chemical fires. Use water spray to keep containers cool and vapours down.																			

	<b>SECTION 6</b> Clean-up procedures	<b>ACCIDENTAL RELEASE MEASURES</b> Do not discharge into drains or rivers. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
 	<b>SECTION 7</b> Handling  Storage	<b>HANDLING AND STORAGE</b> Avoid direct contact with the substance. Do not eat, smoke or drink whilst working with this material. Wash hands before meals and after work. Store in a dry, well ventilated area. Keep container tightly closed.
	<b>SECTION 8</b> Engineering measures Respiratory protection Hand protection Eye protection Skin protection	<b>EXPOSURE CONTROLS AND PERSONAL PROTECTION</b> Ensure there is sufficient ventilation of the area. Self contained breathing apparatus may be required if handling in a confined space with no ventilation. Neoprene gloves. Wear safety glasses or goggles if risk of splashing. Ensure eye bath is to hand. Protective overalls. PVC apron.
	<b>SECTION 9</b> State: Liquid pH: 10-12	<b>PHYSICAL AND CHEMICAL PROPERTIES</b> Colour: Light yellow.                      Odour: Mild Flash point °C: >100                      SG: 1.04 Solubility in water: Negligible
	<b>SECTION 10</b> Stability Conditions to avoid Materials to avoid Decomposition products	<b>STABILITY AND REACTIVITY</b> Stable under normal conditions. Prolonged heat. Strong acids. Oxidising agents. Oxides of carbon. Oxides of nitrogen.
	<b>SECTION 11</b> Skin Eye Ingestion Inhalation	<b>TOXICOLOGICAL INFORMATION</b> Causes burns. Causes burns. If ingested may cause severe internal irritation and damage. High levels of vapour may cause upper respiratory tract irritation.
	<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b> Should not be discharged directly in concentrated form to water courses. Harmful to aquatic organisms.
	<b>SECTION 13</b> Disposal operations	<b>DISPOSAL CONDITIONS</b> Contact licensed waste disposal company. Treat as controlled waste. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
	<b>SECTION 14</b> UN no: 2735 Hazard ID no: 80 IMDG/IMO EmS: F-A,S-B	<b>TRANSPORT INFORMATION</b> Class: 8                      PG: III                      Labelling: 8                      ADR/RID Classification code: C7 Shipping name: AMINES, LIQUID, CORROSIVE, n.o.s. IATA/ICAO Packing Instructions: 818(P&CA); 820(CAO)                      Tariff Number: 3907 30 00
	<b>SECTION 15</b> Regulatory references:	<b>REGULATORY INFORMATION</b> Regulations (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.
	<b>SECTION 16</b>	<b>OTHER INFORMATION</b> N.B. This SDS gives a summary of the product's classification and hazards under the CLP Regulations, the full version is available from the office. Always use in accordance with manufacturer's directions. Dated 25/08/15                      CLP/Rev.1

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