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Revision

26.09.2011 (Can) Version 6.0

Fast-Metal Minute Adhesive Resin (Can)

**01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product trade name</b>	<b>Fast-Metal Minute Adhesive Resin</b>		
<b>Product code</b>	105511		
<b>Chemical family</b>	Resin for a two-component epoxy adhesive		
<b>Product use</b>	2-Component Epoxy Resin – Resin Component		
<b>Manufacturer</b>	WEICON GmbH & Co. KG		
<b>Distributor</b>	Königsberger Straße 255, DE-48157 Münster Postbox 84 60, DE-48045 Münster		
		☎ Phone	++49 (0) 251 / 9322 - 0
		☎ Fax	++49 (0) 251 / 9322 – 244
	<a href="mailto:info@weicon.de">info@weicon.de</a> <a href="http://www.weicon.de">www.weicon.de</a>		
<b>Advice</b>	Abteilung Angebote, Verkauf, Export		
		☎ Phone	++49 (0) 251 / 9322 - 0
<b>Emergency advice</b>	Informationszentrale gegen Vergiftungen – Bonn		
		☎ Phone	++49 (0) 228-19 240

**02 HAZARDS IDENTIFICATION**

<b>Emergency overview</b>	CAUTION: Irritant.
<b>Potential Health Effects</b>	Irritant to skin and eyes. May cause sensitization by skin contact.
<b>Routes of entry</b>	Skin and eye contact and inhalation
<b>Carcinogenicity</b>	NTP:No IARC:No OSHA:No
<b>WHMIS Classification</b>	

Class D2B

**03 COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS#	% by wt.
Oxirane, mono[(C12-14-alkyloxy)methyl] derives.	68609-97-2	2.5 - 5
Aluminum powder	7429-90-5	50 – 60
Reaction product: bisphenol-A-(epichlorohydrin) epoxy resin (Mn <= 700)	25068-38-6	25 – 30
Bisphenol f epoxy resin	9003-36-5	7.5 – 10

**04 FIRST AID MEASURES**

<b>Skin</b>	Remove contaminated clothing immediately. Do not use solvents or thinners. In case of contact with skin wash off with soap and water. Consult a doctor if irritation persists.
<b>Eyes</b>	Wash eyes immediately with large amounts of water for about 15 minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs.



## 04 FIRST AID MEASURES

<b>Ingestion</b>	If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately and show the doctor the packaging or label.
<b>Inhalation</b>	In the event of excessive inhalation, remove the individual to fresh air and keep him immobile. In the event of symptoms seek medical assistance immediately.

## 05 FIRE AND EXPLOSION DATA

<b>Flash point</b>	>200 °C
<b>Extinguishing media</b>	Foam, dry powder, carbon dioxide, water spray jet, water mist
<b>Extinguishing media not to be used for safety reasons</b>	Full water jet
<b>Special hazards during fire fighting</b>	Do not inhale fire combustion gases or smoke.
<b>Hazardous combustion products</b>	Carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ) and nitrogen oxides (NO <sub>x</sub> )
<b>Special fire-fighting procedures</b>	Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Collect contaminated fire fighting water separately; must not be discharged into drains.

## 06 ACCIDENTAL RELEASE MEASURES

<b>Spill and leak procedures</b>	Wear appropriate personal protective equipment. Pick up using inert absorbents and place in suitable containers for disposal.
<b>Pollution control measures</b>	Do not allow untreated product into drains, surface or ground water. Do not discharge into subsoil/soil.

## 07 HANDLING AND STORAGE

<b>Handling</b>	Take the usual precautions for handling chemicals. If necessary, ensure proper local exhaust ventilation.
<b>Storage</b>	Keep in closed original container. Store container in a cool, dry and ventilated area. Protect from direct solar radiation and from heat/overheating.

## 08 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Skin protection</b>	Use protective clothing to prevent skin contact. Wear natural rubber gloves; 0.6mm; 480 min.; 60 min. In cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
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<b>Eye protection</b>	Use of safety glasses with side shields is recommended.
<b>Respiratory protection</b>	Use NIOSH approved respirator in the event of insufficient ventilation and aerosol or mist formation.
<b>General Protection and Hygiene measures</b>	Do not inhale gases/vapors/aerosols. Avoid contact with eyes and skin. Do not eat, drink or smoke when working. Wash hands/or face before taking breaks and at the end of work. Remove soiled or soaked clothing immediately.

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## 09 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	pasty	<b>Physical form</b>	paste
<b>Color</b>	Various colors	<b>Odor</b>	characteristic
<b>Flashpoint</b>	>200 °C, DIN 51758		
<b>Density</b>	1.1 g/cm <sup>3</sup>		
<b>Solubility in water</b>	Difficult to dissolve		

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## 10 STABILITY AND REACTIVITY

<b>Chemical stability</b>	Stable, no decomposition occurs if used as directed.
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide and nitrous oxides (NOx).
<b>Incompatibilities</b>	Keep away from heat. Reacts with strong acids, alkalis and oxidizing agents.

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## 11 TOXICOLOGICAL INFORMATION

<b>Skin irritation</b>	Irritant (rabbit)
<b>Eye irritation</b>	Irritant (rabbit eye)
<b>Skin sensitization</b>	Sensitizing (Guinea pig)
<b>General experience</b>	Sensitization through skin contact possible.

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## 12 ECOLOGICAL INFORMATION

<b>Biological degradability</b>	Not determined
<b>Additional information</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not discharge product into the environment. Do not release into the aquatic environment.

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## 13 DISPOSAL CONSIDERATIONS

<b>Product disposal</b>	Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.
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## 14 TRANSPORT INFORMATION



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## 14 TRANSPORT INFORMATION

<b>TDG / DOT shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin), Class 9, UN 3082, III
<b>Marine transport IMDG</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin), Class 9, UN 3082, III
<b>Air transport ICAO/IATA</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin), Class 9, UN 3082, III

## 15 REGULATORY INFORMATION

**Note:** Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

<b>USA TSCA status</b>	All of the components are on the TSCA Inventory.
<b>Canadian DSL status</b>	All of the components are listed on the DSL Inventory.
<b>SARA Title III</b>	To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.

## 16 OTHER INFORMATION

<b>Further information</b>	Federal and local chemical regulations should be observed.
<b>WHMIS HAZCOM Label</b>	IRRITANT TO SKIN AND EYES. MAY CAUSE SENSITIZATION BY SKIN CONTACT.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.