



**abe Construction Chemicals Ltd.**  
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B37201 : epidermix 372 base

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** B37201 **Product Name** epidermix 372 base  
**Recommended use** A paint or paint constituent product

**Company Name** abe Construction Chemicals Ltd  
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**SECTION 2. HAZARDS IDENTIFICATION**

**Overall Nature** HAZARDOUS MIXTURE, DANGEROUS GOODS  
**Classification reference SANS10234 (1272/2008/EC) :**  
**Classification of the substance or mixture**

**GHS label elements, including precautionary statements**

**Signal word** Danger  
**Pictograms**

**Hazard and Precautionary Statements**

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Product type :** Mixture **Generic name :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Contains Liquid epoxy resin mw<700 100% nv

**CAS No. :** Not applicable **EU Index No :** Not applicable **UN No :** 3082

**HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	% m/m	EC Labels	CAS Number	EC Index
LIQUID EPOXY RESIN MW<700 100% NV	>60 %	Xi N	025068-38-6	603-074-00-8
TOLUENE	<1 %	F Xn	000108-88-3	601-021-00-3

**Classification reference SANS10234 (1272/2008/EC) :**

EC Index Classification | Hazard Code |

**SECTION 4. FIRST AID MEASURES**

**Inhalation** Move to fresh air.  
**Skin** Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention  
**Eyes** Rinse immediately with plenty of water. Seek medical advice if symptoms persist.  
**Ingestion** Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

**SECTION 5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media :**

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

**Specific hazards arising from the chemical :**

No direct explosion hazard expected.  
 Combustible with toxic fumes.

**Special protective actions for fire-fighters :**

Suitable extinguishing media : Water fog, fine water spray, foam, dry agent  
 Substance is not violent  
 Use full body protective clothing with breathing apparatus  
 Prevent, by any means available, spillage from entering drains or water courses

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Contain & collect. Keep out of drains and sewers  
 Wear protective equipment (see Section 8). Keep unprotected persons away.  
 Do not allow product to reach sewage system or any water course.  
 Remove ignition sources and provide sufficient ventilation

**SECTION 7. HANDLING AND STORAGE****Storage :**

Store separately from : explosives,  
 No open flames. No smoking.

**Handling :**

Ensure good ventilation/exhaustion at the workplace  
 Do not spray on a naked flame or any incandescent material  
 Eating, drinking and smoking in work areas is prohibited  
 Wash hands after use  
 Remove contaminated clothing and protective equipment before entering eating areas

**Inhalation** In case of insufficient ventilation, use suitable respiratory protection.  
**Skin** Avoid direct contact. Use barrier cream and impervious gloves.  
**Eyes** Use face shield & goggles or full face respirator/hood. Avoid direct contact.  
**Ingestion** Observe the rules of hygiene. Wash before eating, drinking or smoking.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
epidermix 372 base	Not applicable						
Components :							
LIQUID EPOXY RESIN MW<700 100% NV	025068-38-6						
TOLUENE	000108-88-3	188	50	560	150	RL+ S	1.9

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

OEL Type : Mixture  
 Skin Sensitiser  
 Maintain air concentrations below occupational exposure standards, using engineering controls as necessary  
 Appropriate hand protection and protective clothing must always be used  
 Keep away from foodstuffs, beverages and feed  
 Wash hands before breaks and at the end of work

**Personal protective equipment :**

**Skin PPE** : Overall and impervious gloves (eg nitrile rubber)  
**Respiratory PPE** : Air purifying respirator (eg cartridge type)  
**Eye PPE** : Faceshield or solvent resistant goggles

**HMIS Rating (USA)** 2 - 4 - 0 - I (Health-Flam-Reactivity-PPE)  
**SAPMA Rating** 2-H-E PPE : Gloves, Respirator and Eye protection

**SPRAYBOOTH**

**Spraybooth Type** Spraybooth complying with National Standards  
**Skin PPE** Nitrile Gloves  
**Eyes PPE** Faceshield or solvent resistant goggles  
**Respiratory Protection** Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Property	Value
Appearance	Viscous liquid
Odour	Pungent
pH	n/a
Boiling point	>100°C
Melting point	not available
Flash point	>100°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	>1
Water solubility	insoluble
Fat solubility	--
Partition coefficient	not available
Viscosity	Paste
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

**SECTION 10. STABILITY AND REACTIVITY**

Stable under normal conditions  
 Could generate static - USE EARTHING  
 No reaction with fire-fighting water  
 Keep away from : explosives,

**SECTION 11. TOXICOLOGICAL INFORMATION**

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal(gas)	LC50 Inhal(mist)
-	-	mg/kg	mg/kg	ppmV	mg/ltr
epidermix 372 base	Not applicable	>500	-	-	-
Components :	-----	-----	-----	-----	-----
LIQUID EPOXY RESIN MW<700 100% NV	025068-38-6	>3500			
TOLUENE	000108-88-3	>2000 mg (Rat)	>2000 mg (Rat)		

**Inhalation** Avoid exposure to fumes or mists. Suggest TLV 5mg/m3 for oil mists.  
**Skin** HARMFUL BY CONTACT. Potential sensitiser.  
**Eyes** Irritating.  
**Ingestion** Irritating.  
 Skin Sensitiser

**SECTION 12. ECOLOGICAL INFORMATION**

May have short term environmental effects. Contain, monitor & remove  
 Aquatic toxicity : No further relevant information available  
 Persistence and degradability : No further relevant information available.  
 Bioaccumulative potential : No further relevant information available.  
 Mobility in soil : No further relevant information available.

No available ecological data of ingredients :

**SECTION 13. DISPOSAL INFORMATION**

Hazardous. Use reputable waste disposal contractors. Destroy used containers.  
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**SECTION 14. TRANSPORT INFORMATION**

**UN Number** 3082  
**Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Contains Liquid epoxy resin  
 mw<700 100% nv  
**IMO Class** 9 **Packing Group** III  
**Action Code** 171  
**HazChem** 2X



**Kemler Code** 90

## SECTION 15. REGULATORY INFORMATION

Contains Epoxy constituents.

## SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.  
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.  
THIS SUBSTANCE IS A POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.  
HMIS Rating (USA) : 2 - 4 - 0 - I (Health-Flam-Reactivity-PPE)

### Abbreviations

Code : Abbreviation : Meaning  
F : : highly flammable  
N : : dangerous for the environment  
Xi : : irritant  
Xn : : harmful  
=====: :  
: : Associated pictogram code shown in brackets  
=====: :  
: %m/m : Percent by mass  
: ATE : Acute Toxicity Estimate  
: CAS : Chemical Abstracts Service  
: CHIP : Chemicals (Hazard Information and Packaging for supply)  
: CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
: CNS : Central Nervous System  
: DIN : Standard of the German Institute for Standardisation  
: DOT : Department of Transport  
: EC : European Community  
: EC50 : Effective Concentration (Median) for 50% of the response under test  
: ECB : European Chemicals Bureau  
: ECHA : European Chemicals Agency, Helsinki ([http://echa.europa.eu/home\\_en.asp](http://echa.europa.eu/home_en.asp))  
: EEC : European Economic Community  
: EINECS : European Inventory of Existing Chemical Substances  
: ELINCS : European List of Notified Chemical Substances  
: GHS : Globally Harmonized System of Classification and Labelling of Chemicals  
: HMIS : Hazardous Materials Information System (USA only)  
: IATA : International Air Transport Association  
: IMDG : International Maritime Dangerous Goods Code  
: IMO : International Maritime Organization  
: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007  
: ISO : International Standards Organisation  
: L.E.L. : Lower explosive limit  
: LD50/LC50 : Median (50%) lethal dose/concentration  
: mg/m3 : Milligrams per cubic meter  
: MSDS : Material safety data sheet  
: n.a. : Not available  
: NC : No Classification  
: No : Number  
: OEL : Occupational exposure limit  
: OEL-CL : Occupational exposure limit - control limit  
: OEL-RL : Occupational exposure limit - recommended limit  
: OHS Act : Occupational Health and Safety Act  
: P statement : Precautionary statement  
: PPE : Personal protective equipment  
: ppm : Parts per million  
: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals  
: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)  
: SABS : South African Bureau of Standards  
: SANS : South African National Standards  
: SAPMA : South African Paint Manufacturers Association  
: SARA 313 : Toxic Release Inventory Reporting SRA Section 3  
: SDS : Safety Data Sheet  
: STOEL : Short-term occupational exposure limit  
: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure  
: STOT-SE : Specific Target Organ Toxicity - Single Exposure  
: TDG : Transport of Dangerous Goods  
: TSCA : Toxic Substance Control Act (USA only)  
: TWA : Time weighted average  
: U.E.L. : Upper explosive limit  
: UN : United Nations  
: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)  
=====: :

This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)  
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)  
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)  
All information is given in good faith but without guarantee in respect of accuracy.  
No responsibility is accepted for errors or omissions or the consequences thereof.

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