

### Artdeco Crystal Clear Epoxy Resin 1000ml

Preperation date:	29.03.2019	Version:	1
Upgrade date: 1. IDENTIFICATIO	N OF THE SUBSTANCE / PRE	GBF No: PARATION AND THE COMPANY	GBF- LISANS-0074 / UNDERTAKING
1.1 Information ab Commercial name:	out item		
Artdeco Crystal Clear	Epoxy Resin 1000ml		
•	Epoksi Reçine 1000 ml		
Item no: LV-Y-054M-01			
1.3 Company/Manu	ıfacturer		
Manufacturer: Adress: Telephon: Faks: Web Site:	Lisans Kırtasiye Ofis Gereçleri Şerifali Mah. Emin Sk. No:26 3 +90 216 415 45 65 +90 216 420 78 05 www.lisanskirtasiye.com	San. Ve Tic. A.Ş. 14775 Y.Dudullu/ Ümraniye/ İstant	bul
1.5 Emergency con Company emergence	@lisanskirtasiye.com.tr sultancy cy call: +90 216 415 45 65		
Emergency call:112 National poison cer Fire brigade:110			
2. COMPOSITION	/ INFORMATION ON INGRED	IENTS	
This product is a su CAS No : 25068-38-	Ibstance. 6 : Bisphenol A-(epichlorhydrin) :ion! : >80 %		
CAS No : Trade Secro Product : Diluents m Additional informat	lixture		
	e substance or mixture ding to Regulation (EC) No 1	272/2008	
Aquatic Chronic !2 ! F GHS07	1411 Toxic to aquatic life with lo	ong lasting effects.	
Eye Irrit. ! ! 2 ! H319	5 Causes skin irritation. 9 Causes serious eye irritation.		
	.7 May cause an allergic skin reading to Directive 67/548/E		
Xi; Irritant R36/38: I	rritating to eyes and skin. May cause sensitisation by skin		
N; Dangerous for the R51/53: Toxic to aqu	environment	-term adverse effects in the aquat	ic environment.
Not applicable. Labelling according	g to Regulation (EC) No 1272	2/2008	
The substance is clas	sified and labelled according to	the CLP regulation.	



Artdeco Crystal	Clear	Ероху	Resin	1000ml

Preperation date:	29.03.2019	Version:	1
Upgrade date:	-	GBF No:	GBF- LISANS-0074
Issue date:	29.03.2019	Page:	2 / 7

Hazard pictograms GHS07 GHS09
Signal word Warning
Hazard-determining components of labelling:
Reaction product: Bisphenol-A-(epichlorohydrin) epoxy resin(number average molecular weight _ 700)
Hazard statements
Causes skin irritation.
Causes serious eye irritation. ay cause an allergic skin reaction.
Toxic to aquatic life with long lasting effects.
Contains epoxy constituents. May produce an allergic reaction.
Precautionary statements
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to
do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards</b> The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or
formaldehydes.
ion malderiyaes.
4. FIRST AID MEASURES
Description of first aid measures
General advice
First Aid responders should pay attention to self-protection and use the recommended protective clothing
(chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific
personal protective equipment.
Inhalation
Move person to fresh air; if effects occur, consult a physician
<b>Skin Contact</b> Remove material from skin immediately by washing with soap and plenty of water. Remove
contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts
and watchbands. Suitable emergency safety shower facility should be available in work area.
<b>Eye Contact</b> Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-
2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician,
preferably an ophthalmologist. Suitable emergency eye wash facility should be available in work area.
Ingestion No emergency medical treatment necessary
Most important symptoms and effects, both acute and delayed Aside from the information found
under Description of first aid measures (above) and Indication of immediate medical attention and special
treatment needed (below), any additional important symptoms and effects are described in Section 11:
Toxicology Information
<b>Indication of immediate medical attention and special treatment needed</b> No specific antidote.
Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.
5. FIRE-FIGHTING MEASURES
Extinguishing media
Suitable extinguishing agents
CO2, powder or water spray. Fight larger fires with water spray. For safety reasons unsuitable extinguishing agents

Live	MATERIA	AL SAFETY DATA S	HEET
	Artdeco Cr	Artdeco Crystal Clear Epoxy Resin 1000ml	
Preperation date: Upgrade date: Issue date:	29.03.2019 - 29.03.2019	Version: GBF No: Page:	1 GBF- LISANS-0074 3 / 7
Formation of toxic gases Advice for firefighter Protective equipment			
immediately. <b>Personal precautions</b> , Wear protective equipm <b>Environmental precau</b> Inform respective author Prevent seepage into see Do not allow to enter see <b>Methods and materia</b> Absorb with liquid-bindin Clean the affected area Warm water	a hazardous waste in suitable , protective equipment and nent. Keep unprotected person utions: prities in case of seepage into w wage system, workpits and cel wers/ surface or ground water I for containment and cleaning material (sand, diatomite, a carefully; suitable cleaners are collected according to regulation	emergency procedures s away vater course or sewage system llars. ing up: ucid binders, universal binders	n.
skin, eyes and clothing. equipment. Precautions <b>Storage</b>	ORAGE Idren. For industrial use only. A Clean soiled clothing before re apply also to empty containers sealed , suitable containers in	use. Reduce exposure with su	uitable protective
Exposure Limits None established Personal Protection Eye/Face Protection Use safety glasses (with Skin Protection Use protective clothing boots, apron, or full boo Hand protection Use gloves chemically re	DLS / PERSONAL PROTECTION in side shields). chemically resistant to this marking dy suit will depend on the task. esistant to this material. Examp nol laminate ("EVAL"). Nitrile/b " or "vinyl"). NOTICE: The sele	terial. Selection of specific iter ples of preferred glove barrier	



	Artdeco Cry	stal Clear Epoxy Resin <sup>·</sup>	1000ml
Preperation date:	29.03.2019	Version:	1
Upgrade date:	-	GBF No:	GBF- LISANS-0074
Issue date:	29.03.2019	Page:	4 / 7

#### Ingestion

Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

#### **Engineering Controls**

Ventilation

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information	
Form (Atmosphere temeperature)	Liquid
Color	Ligt Yellow
Odour	Mild

#### 9.2 Important Health, Safety and Environment Information

pH(20°C)	Not available
Meting point	Undetermined
Boiling point	>260°C
Flash point	252°C
Flammability (solid, gas)	Not available
Ignition temperature	Not available
Auto ignition temperature	Not available
Decomposition temperature	Not available
Below explosion limit	Not available
Danger of explosion	Product does not present an explosion hazard.
Vapour pressure at 77°C	0,03 hPa
Density (at 20°C)	1,16 g/cm <sup>3</sup>
Solubility in water	Insoluble
Dispersion multiplier n-oktanol/ water	Not available
Dynamic Viscosity	Not available

#### **10. STABILITY AND REACTIVITY**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### **10.2 Chemical stability**

Stable under recommended storage conditions. See Storage, Section 7.

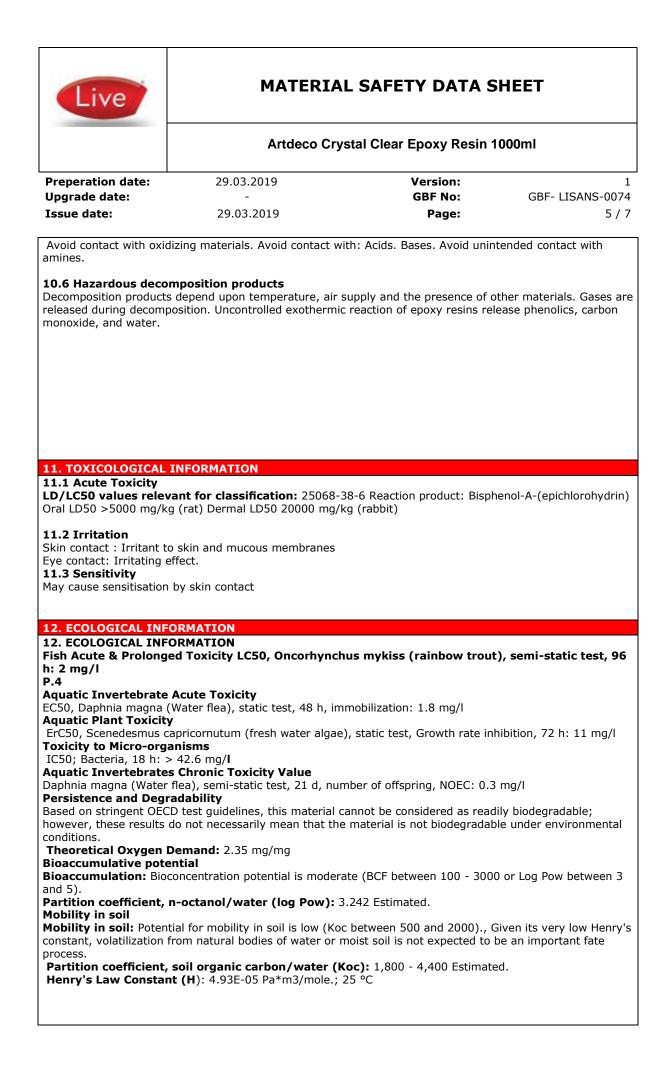
#### **10.3 Possibility of hazardous reactions**

Polymerization will not occur by itself. Masses of more than one pound (0.5 kg) of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up

#### **10.4 Conditions to Avoid**

Avoid short term exposures to temperatures above 300 °C (572 °F). Avoid prolonged exposure to temperatures above 250 °C (482 °F). Potentially violent decomposition can occur above 350 °C (662 °F). Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid

#### 10.5 In compatible materials



Live	MATERIA	AL SAFETY DATA S	бнеет
	Artdeco Ci	rystal Clear Epoxy Resin ′	1000ml
Preperation date:	29.03.2019	Version:	1
Upgrade date:	-	GBF No:	GBF- LISANS-0074
Issue date:	29.03.2019	Page:	6 / 7
13. DISPOSAL INFORM			
L3.1 Product disposal S			
Naste treatment metho	ods		
Recommendation			
	ther with household garbage	e. Do not allow product to rea	ch sewage system.
Incleaned packaging:		the efficient we exclude the sec	
Recommendation: Dispo	osal must be made according	to omcial regulations.	
4.TRANSPORTATION			
14.TRANSPORTATION	INFORMATION		
UN-Number			
ADR, IMDG, IATA	: 3082		
UN proper shipping nar			
ADR		ENVIRONMENTALLY HAZARDO	US SUBSTANCE LIQUID
		6. (Epoxy resin)	
IMDG, IATA		CONMENTALLY HAZARDOUS S	IBSTANCE LIQUID
		5. (Epoxy resin)	
Transport hazard class			
ADR, IMDG, IATA			
	· 9 Mis	cellaneous dangerous substan	ces and articles
Class	• 9		
Class Label	: 9		
Class Label Packing group	: 9 : III		
Class Label Packing group ADR, IMDG, IATA	: III		
Class Label Packing group ADR, IMDG, IATA Environmental hazards	: III		
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant!	: III : Yes	ing: Miscellaneous dangerous	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for	: III : Yes	ing: Miscellaneous dangerous	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler)	: III : Yes user : Warn	5	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor	: III : Yes : Warn : 90 : F-A,S ding to Annex II of	-F	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor MARPOL73/78 and the	: III : Yes : Warn : 90 : F-A,S : Ving to Annex II of IBC Code : Not a	5	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor MARPOL73/78 and the Transport/Additional ir	: III : Yes : Warn : 90 : F-A,S : Ving to Annex II of IBC Code : Not a	-F	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor MARPOL73/78 and the Transport/Additional ir ADR	: III : Yes user : Warn : 90 : F-A,S rding to Annex II of IBC Code : Not a formation	-F	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor MARPOL73/78 and the Transport/Additional ir ADR	: III : Yes user : Warn : 90 : F-A,S rding to Annex II of IBC Code : Not a formation	-F	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor MARPOL73/78 and the Transport/Additional ir ADR	: III : Yes user : Warn : 90 : F-A,S rding to Annex II of IBC Code : Not a formation	-F	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor MARPOL73/78 and the Transport/Additional ir ADR Tunnel restriction code	: III : Yes : Warn : 90 : F-A,S : For the second seco	-F	substances and articles.
Class Label Packing group ADR, IMDG, IATA Environmental hazards Marine pollutant! Special precautions for Danger code (Kemler) EMS Number Transport in bulk accor MARPOL73/78 and the Transport/Additional ir ADR Tunnel restriction code	: III : Yes : Warn : 90 : F-A,S : For the second seco	-F	



### Artdeco Crystal Clear Epoxy Resin 1000ml

Preperation date:	29.03.2019	Version:	1
Upgrade date:	-	GBF No:	GBF- LISANS-0074
Issue date:	29.03.2019	Page:	7 / 7

16.OTHER INFORMATION	
It is the user's responsibility to verify the accuracy and suitability of the above information for all possible	9
uses, foreseen and unforeseen.	
RID : Reglement internationale concernent le transport des merchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Ra IATA-DGR : Dangerous Goods Regulations by the "International Air Transport Association" (IATA)	il)
ICAO : International Civil Aviation Organization	
ICAO-TI : Technical Instructions by the "International Civil Aviation Organization" (ICAO)	
ADR : Accord européen sur le transport des marchandises Dangereuses par Route (European	
Agreement concerning the International Carriage of Dangerous Goods by Road)	
IMDG : International Maritime Code for Dangerous Goods	
DOT : US Department of Transportation	
IATA : International Air Transport Association	
EINECS!! : European Inventory of Existing Commercial Chemical Substances	
CAS : Chemical Abstracts Service (division of the American Chemical Society)	
FPA       : National Fire Protection Association (USA)	
HMIS       : Hazardous Materials Identification System (USA) LC50! ! : Lethal concentration, 50	
percent	
D50 : Lethal dose, 50 percent	
osivas@lisanskirtasiye.com.tr Tel: 0216415 45 65- Lisans Kırtasiye Ofis Gereçleri San. ve Tic. A.Ş. 16.3 Issue date 29,03,2019	
<b>16.4 Issue no</b> 00074	
<b>16.4 Issue no</b> 00074	