

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY/ UNDERTAKING

1.1. Product name	GLISS'GRIP <i>Color Grip</i> – PART A (Base)
Product code	K-GGC-G
1.2. Product Use description	BASE for « GLISS'GRIP <i>Color</i> PART B (HARDENER) » Paint for walls and floors.
1.3. Company	GLISSGRIP SAS 50, avenue de la Bourdonnais 75007 PARIS - FRANCE Tél. : +33 (0)1.30.25.84.90 - Fax : +33 (0)1.30.25.84.94 E-mail : info@glissgrip.fr
1.4. Emergency telephone number	<u>Multilingual emergency number (24/7):</u> - Europe/America/Africa : +44 1235 239 (UK) - Middle East & Africa speaking Arabic: +44 1235 239 671 (UK) - Asia Pacific : +65 3158 1074 (Singapore) - China : +86 10 5100 3039 (Beijing) - France (ORFILA) : +33 (0)1 45 42 59 59


SECTION 2: HAZARDS IDENTIFICATION

According to European Regulation (EC) 1272/2008.

Causes serious eye damage, Hazard Category 1 (Eye Dam. 1, H318).

No physical hazards. See information concerning other products stocked in the same room.

Potential environmental effects are not expected under normal condition of use.

Main hazards		SGH05
Information about health and environmental hazards	<p>Signal word: DANGER</p> <p>Identification of product: CAS 238080-05-2 EPOXY AMINE ADDUCT EMULSION 603-003-00-0 PROPANE-1-OL</p> <p>Hazard statements: H318 Causes serious eye damage.</p> <p>Precautionary statements: P280 Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**Chemical description:** CAS 238080-05-2 EPOXY AMINE ADDUCT EMULSION

603-003-00-0 PROPANE-1-OL

Information on hazardous ingredients:

CAS no. EINECS no.	%	Description	CLP/GHS	Hazards Pictograms
INDEX: 0036 CAS: 238080-05-2	10 <= x % < 25	EPOXY AMINE ADDUCT EMULSION	H302 H318	GHS07, GHS05
INDEX: 603-003-00-0 CAS: 71-23-8 EC: 200-746-9	0 <= x % < 2.5	PROPANE-1-OL	H225 H318 H336	GHS02, GHS05, GHS07

SECTION 4: FIRST AID MEASURES

As a general rule: In case of doubt or if symptom persists, always call a doctor.
NEVER give anything by mouth to an unconscious person.

4.1. Description of first aid measures**In case of contact with eyes:**

Immediately flush eye with plenty of water, keeping eyelids open, for 15 minutes. Consult an ophthalmologist and show him the label.

In case of ingestion:

Consult a doctor and show him the label.

4.2. Main symptoms and effects

No information available.

4.3. Information about first medical measures and special treatments

No information available.

SECTION 5: FIRE-FIGHTING MEASURES**5.1. Suitable extinguishing media**

Co2, foam, powder fire extinguisher. In case of large fire, use also water spray.

5.2. Special hazards arising from the product, its combustion products or its resulting gases

A fire will often produce a thick black smoke. Exposure to decomposition products may cause health hazards.
Do not inhale smoke or fumes.

5.3. Special equipment for firefighters

Firefighter should wear a self-contained breathing apparatus, due to releasing toxic gases generated by thermal decomposition.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Refer to protection measures in section 7 and 8.

For non first-aid providers

Avoid contact with skin and eyes.

For first-aid providers

Wear appropriate and personal protective equipment (refer to section 8).

6.2. Environmental precautions

Contain and control the leaks and cover the preparation with a suitable non-flammable absorbent material such as sand, soil, vermiculite, diatomaceous earth, in containers for waste disposal.

Do not allow product to enter into drains, water courses and ground waters.

6.3. Methods for cleaning up and containment

Neutralize with an acid decontaminant.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1 Precautions for safe handling

Always wash hands after handling.

Remove contaminated clothing and wash before reuse.

Facilities should be equipped with safety showers and eyewash fountains.

Precautions against fire:

Access is prohibited for unauthorized persons.

Recommended equipments and procedures:

For individual protection, see Section 8.

Observe precautions on product label and also industrial safety regulations.

Strictly avoid contact with eyes.

Prohibited equipments and procedures:

Do not smoke, eat and drink in areas where the mixture is used.

7.2. Conditions for safe storage, including any compatibility

No data available.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use

No data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control parameters****Occupational exposure limits:**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA :	STEL :	Ceiling:	Definition:	Criteria:
71-23-8	200 ppm	400 ppm	-	-	-

- France (INRS - ED984:2008):

CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
71-23-8	200	500	-	-	-	84

8.2. Exposure control**Personal protection measures, such as personal protective equipment:**

-Use personal protective equipment that is clean and has been properly maintained.

-Store personal protective equipment in a clean place, away from the work area.

-Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-use. Ensure that there is adequate ventilation, especially in confined areas.

Eye/face protection

-Avoid contact with eyes.

-Use eye protection against projection of liquids.

-Before handling wear safety glasses with side protection.

-In case of increased risk, use a face shield.

-Ordinary prescription glasses are not a protection.

-Facilities where the mixture is handled should be equipped with eyewash fountains.

Hand protection

-Wear suitable protective gloves in case of prolonged or repeated skin contact.

-Wear appropriate chemical-resistant gloves

Recommended type of gloves:

- Natural latex

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVC (polyvinyl chloride)

- PVA (Polyvinyl alcohol)

- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended characteristics:

-Waterproof gloves

- Gloves for prolonged use (BBT>480mn) BTT= BreakThrough Time
- Wear industrial gloves fulfilling the specifications of EU Directive 89/686/EEC and the standard EN374 (against chemicals and micro-organisms)
- Wear gloves giving protection from mechanical risk (European standard EN388)

Body protection

- Work clothes worn by personnel should be washed regularly.
- After contact with the product, all parts of the body that have been soiled must be washed.

Respiratory protection

- FFP type of mask: wear a single-use half-mask with a particle filter against sprays, class FFP 2.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****General information**

Physical state: viscous liquid

Information about health, safety and environment

Weakly basis

pH: no data available

Boiling point: no data available

Flash point: > 100°C

Vapour pressure: not applicable

Density : > 1

Hydrosolubility: soluble

Melting point: no data available

Auto-ignition temperature: no data available

Decomposition temperature: no data available

9.2. Other information

VOC content of product (A +B)

COV (g/l) : 13

No other data available.

SECTION 10: STABILITY AND REACTIVITY**10.1. Conditions to avoid**

No data available.

10.2. Chemical stability

The mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid freezing temperature.

Avoid temperature >60°C.

10.5. Incompatible materials

Strong oxidizing agents.

Sodium, calcium, zinc.

10.6. Hazardous decomposition products

Thermal decomposition may release:

-carbon monoxide (CO)

-carbon dioxide (CO₂)

If the product burns, release of nitrous oxides.

No hazardous decomposition products under the recommended handling and storage conditions.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects:**

-Prolonged or repeated contact with the mixture may remove the natural oils from the skin and cause a non-allergic contact dermatitis and penetration into the skin.

-May cause irreversible eye damage, such as ocular lesions or a serious vision impairment, which is not totally reversible within 21 days of observation.
Serious ocular lesions are characterized by corneal destruction, permanent corneal opacity and inflammation of the iris.

11.1.1 Substances

No toxicological information available.

11.1.2 Mixture:

No toxicological information available.

Eye damages

Causes serious eye damage.

Contains n-Propanol (CAS 71-23-8).

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity:****12.1.1 Substances**

No aquatic toxicity data available for the substances.

12.1.2 Mixtures

No aquatic toxicity data available for the mixtures.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods:

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 IMDG 2008 - OACI/IATA 2009).

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:****- Labelling Content VOC in Varnishes, decorative paints and in vehicle refinishing products (Directive 2004/42/EC):**

The VOC content of this ready-mix product is maximum 13 g/l.

The product (category IIAj) must not exceed EU VOC limit value: max. 140 g/l (2007/2010).

15.2. Chemical safety assessment:

No data available.

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

The mixture may present unknown hazards and should be used with caution. Although certain hazards are described in this safety data sheet, we cannot guarantee that these are the only hazards that exist. We expect you to understand the entire msds and we advise you to read it thoroughly.

In accordance with directives 67/548/EEC, 1999/45/EC and its adaptations.

Hazard symbols:



Xi - Irritant

Contains:

CAS 238080-05-2 EPOXY AMINE ADDUCT EMULSION

Risk Phrases:

R 41 Risk of serious damage to eyes.

Safety Phrases:

S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

S 36/39 Wear suitable protective clothing and eye/face protection.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Description of H-Statements and R-phrases (mentioned in section 3):

H225 Highly flammable liquid and vapours.

H302 Harmful if swallowed.

H318 Causes serious eye damage

H336 May cause drowsiness or dizziness.

R 11 Highly flammable.

R 22 Harmful if swallowed.

R 41 Risk of serious damage to eyes.

R 67 Vapours may cause drowsiness or dizziness.

Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

OACI: Organisation de l'Aviation Civile Internationale.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefährdungsklasse (Water Hazard Class).

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY/ UNDERTAKING

1.1. Product name	GLISS'GRIPColor Grip – PART B (Hardener)
Product code	K-GGC-G
1.2. Product Use description	HARDENER for « GLISS'GRIPColor PART A (BASE) » HARDENER for emulsion/dispersion paint.
1.3. Company	GLISSGRIP SAS 50, avenue de la Bourdonnais 75007 PARIS - FRANCE Tél. : +33 (0)1.30.25.84.90 - Fax : +33 (0)1.30.25.84.94 E-mail : info@glissgrip.fr
1.4. Emergency telephone number	Multilingual emergency number (24/7): - Europe/America/Africa : +44 1235 239 (UK) - Middle East & Africa speaking Arabic: +44 1235 239 671 (UK) - Asia Pacific : +65 3158 1074 (Singapore) - China : +86 10 5100 3039 (Beijing) - France (ORFILA) : +33 (0)1 45 42 59 59

SECTION 2: HAZARDS IDENTIFICATION**According to European Regulation (EC) 1272/2008 and its adaptations.**



Skin irritation, Hazard Category 2 (Skin Irrit. 2, H315).

Eye irritation, Hazard Category 2 (Eye Irrit. 2, H319).

Skin sensitisation, Hazard Category 1 (Skin Sens. 1, H317).

Chronic aquatic toxicity, Hazard Category 2 (Aquatic Chronic 2, H411).

No physical hazards. See information concerning other products stocked in the same room.

Main hazards		SGH07
		SGH09
Information about health and environmental hazards	<p>Signal word: WARNING</p> <p>Identification of product: 603-074-00-8 REACTION PRODUCT: BISPHENOL-A-EPICHLORHYDRIN EPOXY RESINS (AVERAGE MOLECULAR WEIGHT < 700) EC No 247-979-2 GLYCIDYL NEODECANOATE</p> <p>Additional labelling: EUH205 Contains epoxy constituents. May produce an allergic reaction.</p> <p>Hazard statements and additional information: H315 Causes skin irritation.</p>	

	<p>H317 May cause an allergic skin reaction. H319 Cause serious eye irritation. H411 Toxic to aquatic life with long lasting effects. Precautionary statements-Prevention: P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. Precautionary statements-Intervention : P302 + P352 IF ON SKIN: Wash with soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 specific treatment (see... on this label). P332 + P313 If skin irritation occurs: Get medical advice/attention.</p>
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

No substance meets the criteria for classification of (CE)REACH regulation No 1907/2006 (Annex II, Part A).

Information on hazardous ingredients:

CAS no. EINECS no.	%	Description	CLP/GH S	Hazards categories	Hazards Pictograms
INDEX: 603-074-00-8 CAS: 25068-386 EC:500-033-5	50 <= x % < 100	REACTION PRODUCT BISPHENOL-A- EPICHLORHYDRIN EPOXY RESINS (AVERAGE MOLECULAR WEIGHT < 700)	H319 H315 H317 H411	2 2 1 2	SGHS07 SGHS09
INDEX: 0011 CAS: 26761-45-5 EC: 247-979-2	10 <= x % < 25	GLYCIDYL NEODECANOATE	H315 H317 H411	2 1 2	SGHS07 SGHS09

SECTION 4: FIRST AID MEASURES

As a general rule: In case of doubt or if symptom persists, always call a doctor.

NEVER give anything by mouth to an unconscious person.

4.1. Description of first aid measures

In case of contact with eyes:

Immediately flush eye with plenty of water, keeping eyelids open, for 15 minutes. If pain, redness or discomfort occurs, consult an ophthalmologist.

In case of contact with skin:

Remove contaminated clothing and wash carefully with soap and water.

Watch out for any remaining product between skin and clothing, watches, shoes etc.

In case of allergic reaction, consult a doctor. If the contaminated area is extensive and/or skin lesions occur, consult a physician or transfer to hospital.

In case of ingestion:

Don't give anything by mouth.

If a small amount is ingested, rinse mouth with water and seek immediately medical advice.

Consult a doctor and show him the label.

4.2. Main symptoms and effects

No information available.

4.3. Information about first medical measures and special treatments

No information available.

SECTION 5: FIRE-FIGHTING MEASURES

The product is non-flammable.

5.1. Extinguishing media

Use fire fighting materials and procedures adapted to the environment.

Suitable Extinguishing media

CO₂, water spray, foam, dry powder.

Unsuitable Extinguishing media

In case of fire never use plenty of water and water jet.

5.2. Special hazards arising from the product, its combustion products or its resulting gases

A fire will often produce a thick black smoke. Exposure to decomposition products may cause health hazards.

Do not inhale smoke or fumes.

In case of fire may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Special equipment for firefighters

Firefighter should wear an approved self-contained breathing apparatus operated in the pressure demand and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Refer to protection measures in section 7 and 8.

For non first-aid providers

Avoid contact with skin and eyes.

For first-aid providers

Wear appropriate and personal protective equipment (refer to section 8).

6.2. Environmental precautions

Contain and control the leaks and cover the preparation with a suitable non-flammable absorbent material such as sand, soil, vermiculite, diatomaceous earth, in containers for waste disposal.

Do not allow product to enter into drains, water courses and ground waters.

6.3. Methods for cleaning up and containment

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitization should not, under any circumstance, handle this mixture.

7.1 Precautions for safe handling

Always wash hands after handling.

Remove contaminated clothing and wash before re-using.

Precautions against fire:

Prevent access for unauthorized personnel.

Recommended equipments and procedures:

For individual protection, see Section 8.

Observe precautions on product label and also industrial safety regulations.

NEVER add water to this mixture.

Avoid contact with skin and eyes.

Prohibited equipments and procedures:

Do not smoke, eat and drink in areas where the mixture is used.

7.2. Conditions for safe storage, including any compatibility

No data available.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use

No data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control parameters**

No data available.

8.2. Exposure control**Personal protection measures, such as personal protective equipment:**

- Use personal protective equipment that is clean and has been properly maintained.
- Store personal protective equipment in a clean place, away from the work area.
- Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-use.
- Ensure that there is adequate ventilation, especially in confined areas.

Eye/face protection

- Avoid contact with eyes.
- Use eye protection against projection of liquids.
- Before handling wear safety glasses with side protection.
- In case of increased risk, use a face shield.
- Ordinary prescription glasses are not a protection.
- Facilities where the mixture is handled should be equipped with eyewash fountains.

Hand protection

Wear chemical-resistant gloves

Select gloves according to the application and duration of use.

Choose the right type of gloves for each specific task involved in the job: if other chemical may be handled, physical protections are necessary to protect from cuts, punctures, thermal burns and dexterity gloves are required.

Recommended characteristics:

- Waterproof gloves
- Wear industrial gloves fulfilling the specifications of EU Directive 89/686/EEC and the standard EN374 (against chemicals and micro-organisms)
- Wear gloves giving protection from mechanical risk (European standard EN388)
- Gloves for prolonged use (BBT>480mn) BTT= BreakThrough Time

Body protection

Avoid contact with skin

Wear appropriate protective clothing:

- In case of strong chemical sprays, wear a liquid-proof suit to protect skin(type 3).
- In case of splashes, wear chemical protective clothing (type 6) to avoid contact with skin.

Work clothes worn by personnel should be washed regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Respiratory protection

- FFP type of mask: wear a single-use half-mask with a particle filter against sprays, class FFP 2.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****General information**

Physical state: viscous liquid

Information about health, safety and environment

pH: not precised. Neutral.

Boiling point: no data available

Flash point: > 100°C

Vapour pressure: not applicable

Density : > 1

Hydrosolubility: soluble

Melting point: no data available

Auto-ignition temperature: no data available

Decomposition temperature: no data available

9.2. Other information

COV (g/l) : 13

VOC content of product(A +B)

SECTION 10: STABILITY AND REACTIVITY**10.1. Conditions to avoid**

No data available.

10.2. Chemical stability

The mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid freezing temperature.

Avoid temperature >60°C.

10.5. Incompatible materials

Strong oxidising agents.

Sodium, calcium, zinc.

10.6. Hazardous decomposition products

Thermal decomposition may release:

-carbon monoxide (CO)

-carbon dioxide (CO₂)

If the product burns, release of nitrous oxides.

No hazardous decomposition products under the recommended handling and storage conditions.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects:**

-May cause reversible skin lesions, such as skin inflammation or erythema (redness), skin sores and oedema, after an exposure of maximum 4 hours.

-May cause reversible eye damage, such as ocular irritations, which is totally reversible within 21 days of observation.

-May cause an allergic reaction in case of contact with skin.

-Based on the properties of epoxy components and considering toxicological information on similar mixtures, this mixture may be a skin sensitiser and a respiratory system irritant.

-Low molecular weight components cause irritation of eyes, mucous membranes and skin.

-Repeated contact with the mixture may cause a skin irritation and skin sensitisation, if combined with other epoxy components.

11.1.1 Substances

No toxicological information available.

11.1.2 Mixture**Skin or respiratory sensitisation:**

Contains epoxy components. May cause an allergic reaction.

SECTION 12: ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

Avoid release of product into drains, water courses and ground waters.

12.1. Toxicity:**12.1.1 Substances**

No aquatic toxicity data available for the substances.

12.1.2 Mixtures

No aquatic toxicity data available for the mixtures.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods:

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

European Waste Catalogue codes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

08 01 11 * waste paint and varnish containing organic solvents or other dangerous substances.

SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 IMDG 2010 - OACI/IATA 2012).

14.1 UN number

3082

14.2 UN proper shipping name UN3082= ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
(reaction product: bisphenol-a-epichlorhydrin epoxy resins (average molecular weight < 700)

14.3 Transport hazard class (es)**Classification**

9

14.4 Packing group

III

14.5 Environmental hazards

-Environmentally Hazardous substance:


14.6 special precautions for user

ADR/RID	Class	Code	Pack. Group	Label	Ident	LQ	Provis.	EQ	Cat.	Tunnel
	9	M6	III	9	90	5L	274 335 601	E1	3	E

IMDG	Class	2 nd label	Pack. Group	LQ	FS	Provis.	EQ
	9	-	III	5L	F-A, S-F	274 335	E1

IATA	Class	2 nd label	Pack. Group	Passenger	Passenger	Cargo	Cargo	note	EQ
	9	-	III	964	450 L	964	450L	A97 A158	E1
	9	-	III	Y964	30 kg G	-	-	A97 A158	E1

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Labelling Content VOC in Varnishes, decorative paints and in vehicle refinishing products (Directive 2004/42/EC):

The VOC content of this ready-mix product is maximum 13 g/l.

The product (category II Aj) must not exceed EU VOC limit value: max. 140 g/l (2007/2010).

This mixture is considered as irritant and dangerous for the environment.



For other information please refer to national regulation (environmental code, labour code...).

15.2. Chemical safety assessment:

No data available.

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

The mixture may present unknown hazards and should be used with caution. Although certain hazards are described in this safety data sheet, we cannot guarantee that these are the only hazards that exist. We expect you to understand the entire msds and we advise you to read it thoroughly.

In accordance with directives 67/548/EEC, 1999/45/EC and its adaptations.

Hazard symbols:

Irritant – Dangerous for the environment

Contains:

EC 247-979-2 GLYCIDYL NEODECANOATE

603-074-00-8 REACTION PRODUCT: BISPHENOL-A-EPICHLORHYDRIN EPOXY RESINS (AVERAGE MOLECULAR WEIGHT < 700)

Risk Phrases:

R 51/53 Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

R 43 May cause sensitisation by skin contact.

R 36/38 Irritating to eyes and skin.

Contents epoxy components. See information from the manufacturer.

Safety Phrases:

S 24 Avoid contact with skin.

S 37 Wear suitable gloves.

S 61 Avoid release to the environment.

Description of H-Statement s and R-phrases (mentioned in section 3):

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects..

Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

OACI: Organisation de l'Aviation Civile Internationale.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefährdungsklasse (Water Hazard Class).

GHS07: Exclamation mark.

GHS09: Environment