

Dura - Epoxy Enamel LF - Catalyst

Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 10
Issue date: 7/31/2023 Revision date: 7/11/2025 Supersedes: 7/11/2025 Version: 2.2

SECTION 1: Identification of the substance/mixture and of the supplier/undertaking

1.1. GHS product identifier

Product form	: Mixture
Trade name	: Dura - Epoxy Enamel LF - Catalyst
Type of product	: Coatings
Product code	: EPCAT
Product group	: Trade product

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use	: Light industrial coating applications For use with Epoxy Enamel as per instructions
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1.4. Supplier's details

Manufacturer

Dura Paints (Pty) Ltd.
5 Wakefield Road; Founders View South.
P.O. Box 303
1610 Edenvale; Johannesburg – South Africa
T 011 452 5221
Contact: Lizel Rosemann

1.5. Emergency phone number

Emergency number	: 079 494 2731 / 011 452 5221
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SECTION 2: Hazard identification

2.1. GHS classification of the substance/mixture and any national or regional information

Classification according to the United Nations GHS

Flammable liquids, Category 3	H226
Acute toxicity (inhalation:dust,mist) Category 4	H332
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Specific target organ toxicity – single exposure, Category 1	H370
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects	: Flammable liquid and vapour,May cause damage to organs through prolonged or repeated exposure, Causes damage to organs,Harmful if inhaled,Causes skin irritation,May cause an allergic skin reaction,Causes serious eye damage,Toxic to aquatic life with long lasting effects.
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2.2. GHS label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)



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Signal word (GHS ZA)	: Danger
Hazardous ingredients	: Amines, polyethylenepoly-, triethylenetetramine fraction; Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine; Xylene; n-Butyl alcohol
Hazard statements (GHS ZA)	: H226 - Flammable liquid and vapour H315 - Causes skin irritation H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H332 - Harmful if inhaled H370 - Causes damage to organs (central nervous system) (Inhalation) H373 - May cause damage to organs (cardiovascular system, kidneys, liver, Skin) through prolonged or repeated exposure (Inhalation, Dermal, Oral) H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (GHS ZA)	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read carefully and follow all instructions. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 - Avoid breathing dust, mist, spray, vapours. P264 - Wash hands, forearms and face thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear eye protection, protective clothing, protective gloves. IF INHALED: Remove person to fresh air and keep comfortable for breathing. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower]. P305+P354+P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314 - Get medical advice/attention if you feel unwell P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse. P501 - Dispose of container to recycling, according to local regulations.
P-statements for label (GHS-ZA)	: P101 - If medical advice is needed, have product container or label at hand.; P102 - Keep out of reach of children.; P103 - Read carefully and follow all instructions.; P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.; P261 - Avoid breathing dust, mist, spray, vapours.; P264 - Wash hands, forearms and face thoroughly after handling.; P273 - Avoid release to the environment.; P280 - Wear eye protection, protective clothing, protective gloves.; IF INHALED: Remove person to fresh air and keep comfortable for breathing.; P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].; P305+P354+P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.; P314 - Get medical advice/attention if you feel unwell; P333+P313 - If skin irritation or rash occurs: Get medical advice/attention; P362+P364 - Take off contaminated clothing and wash it before reuse.; P501 - Dispose of container to recycling, according to local regulations.

2.3. Other hazards which do not result in classification or are not covered by the GHS

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture

Name	Product identifier	%	Classification according to the United Nations GHS
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	CAS-No.: 68082-29-1	52.25 – 70	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE Not classified Aquatic Chronic 2, H411
Xylene	CAS-No.: 1330-20-7	25 – 38	Flam. Liq. 3, H226 Acute Tox. Not classified (Oral) Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. Not classified (Inhalation:vapour) Skin Irrit. 2, H315 STOT SE 1, H370 STOT RE Not classified Aquatic Chronic 2, H411
Amines, polyethylenepoly-, triethylenetetramine fraction	CAS-No.: 90640-67-8	0.55 – 3.5	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1, H314 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Chronic Not classified
n-Butyl alcohol	CAS-No.: 71-36-3	0.9985 – 2.9955	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335 STOT RE 2, H373 Aquatic Acute Not classified Aquatic Chronic Not classified

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
Self protection of the first-aider	: First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effect, acute and delayed

Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: None under normal conditions.

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4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: Flammable liquid and vapour.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

For containment	: Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
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Hygiene measures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Packaging materials	: Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Xylene (1330-20-7)	
South Africa - Occupational Exposure Limits (Restricted Limits)	
Local name	Xylene, o-, m-, p- or mixed isomers
OEL eight hour TWA	300 ppm
RHCA - STEL/C	200 ppm
Remark	SKIN (danger of cutaneous absorption)
Regulatory reference	Government Notice No. R. 280, 2021
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Xylene, o-, m-, p- or mixed isomers
OEL TWA	218 mg/m ³
	50 ppm
OEL STEL	435 mg/m ³
	100 ppm
Remark	Sk (Danger of cutaneous absorption)
Regulatory reference	Government Notice No. R 904
South Africa - Biological limit values	
Local name	Xylenes
BEI	1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift
Regulatory reference	Government Notice No. R. 280, 2021
n-Butyl alcohol (71-36-3)	
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	n-Butyl alcohol (Butan-1-ol)
OEL STEL	150 mg/m ³
	50 ppm
Remark	Sk (Danger of cutaneous absorption)
Regulatory reference	Government Notice No. R 904

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

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8.3. Individual protection measures, such as personal protective equipment

Materials for protective clothing	:	
Hand protection	:	Protective gloves
Eye protection	:	Safety glasses
Skin and body protection	:	Wear suitable protective clothing
Respiratory protection	:	[In case of inadequate ventilation] wear respiratory protection.
Personal protective equipment symbol(s)		



8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Colorless to pale yellow liquid.
Colour	:	Colourless to yellow liquid
Odour	:	Aromatic solvent like odour
Odour threshold	:	No data available
pH	:	No data available
pH solution	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability	:	Flammable liquid and vapour.
Vapour pressure	:	No data available
Vapour pressure at 50°C	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	> 0.9 – < 0.96 Source: Product TDS
Relative density of saturated gas/air mixture	:	No data available
Density	:	No data available
Relative gas density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Partition coefficient n-octanol/water (Log Kow)	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	> 240 – < 400 cP Source: Product TDS
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available
Lower explosion limit	:	No data available
Upper explosion limit	:	No data available
Physical state	:	Liquid
Appearance	:	Colorless to pale yellow liquid.

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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SECTION 10: Stability and Reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

Dura - Epoxy Enamel LF - Catalyst	
ATE ZA (dust, mist)	3.947 mg/l/4h
Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)	
LD50 oral rat	≥ 1716 mg/kg bodyweight Source: ECHA
LD50 dermal rabbit	≥ 1465 mg/kg bodyweight Source: ECHA
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
Xylene (1330-20-7)	
LD50 oral rat	> 3523 – < 6631 mg/kg bodyweight XYLENE : ECHA
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other:
LC50 Inhalation - Rat	≥ 27.124 mg/l XYLENE : ECHA
n-Butyl alcohol (71-36-3)	
LD50 dermal rabbit	3430 mg/kg Source: ECHA
LC50 Inhalation - Rat	> 17.76 mg/l Source: ECHA

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : May cause an allergic skin reaction.

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Causes damage to organs (central nervous system) (Inhalation).

Xylene (1330-20-7)	
LOAEL (oral, rat)	≈ 150 mg/kg bodyweight XYLENE : ECHA
NOAEL (oral, rat)	≈ 250 mg/kg bodyweight XYLENE : ECHA
NOAEC (inhalation, rat, gas)	> 450 – < 1800 ppmv/4h XYLENE : 12H : ECHA
STOT-single exposure	Causes damage to organs (central nervous system) (Inhalation).

n-Butyl alcohol (71-36-3)	
NOAEC (inhalation, rat, vapour)	≥ 1500 mg/l Source: ECHA
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.

STOT-repeated exposure : May cause damage to organs (cardiovascular system, kidneys, liver, Skin) through prolonged or repeated exposure (Inhalation, Dermal, Oral).

Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)	
LOAEL (oral, rat, 90 days)	50 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)	
NOAEL (oral, rat, 28 days)	> 1000 mg/kg bodyweight/day Source: ECHA
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Xylene (1330-20-7)	
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)

n-Butyl alcohol (71-36-3)	
NOAEL (oral, rat, 28 days)	> 125 mg/kg bodyweight/day Source: ECHA
NOAEC (inhalation, rat, 28 days)	≥ 1500 mg/l Source: ECHA
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)	
LC50 - Fish [1]	330 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	31.1 mg/l Test organisms (species): Daphnia magna

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Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)	
EC50 72h - Algae [1]	20 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC chronic algae	≈ 1.34 mg/l Freshwater algae; Source: ECHA
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)	
LC50 - Fish [1]	7.07 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	7.07 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	4.34 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
Xylene (1330-20-7)	
LC50 - Fish [1]	> 2.6 – < 9.6 mg/l Source: ECHA
EC50 - Crustacea [1]	≥ 10.389 mg/l Source: Echa
EC50 72h - Algae [1]	> 4.6 – < 4.9 mg/l XYLENE : Aquatic Algae : ECHA
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'
NOEC chronic algae	≈ 0.44 mg/l XYLENE : Aquatic Algae 73H : ECHA
n-Butyl alcohol (71-36-3)	
LC50 - Fish [1]	1376 mg/l Source: ECHA
EC50 - Crustacea [1]	≈ 1.328 g/l Source: ECHA
EC50 96h - Algae [1]	225 mg/l Source: ECHA
NOEC chronic crustacea	≈ 4.1 mg/l Duration: 21 days; Source: ECHA
NOEC chronic algae	≈ 129 mg/l Fresh water algae; Duration: 21 days; Source: ECHA

12.2. Persistence and degradability

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Persistence and degradability	Rapidly degradable
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Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)

Persistence and degradability	
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Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)

Persistence and degradability	
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Xylene (1330-20-7)

Persistence and degradability	
Chemical oxygen demand (COD)	> 2.56 – < 2.91 g O ₂ /g substance

n-Butyl alcohol (71-36-3)

Persistence and degradability	
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available
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Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)	
Partition coefficient n-octanol/water (Log Kow)	> -2.9 – < -2.08 Source: ECHA
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)	
BCF - Fish [1]	≈ 77.4 l/kg Source: ECHA
Partition coefficient n-octanol/water (Log Pow)	10.3 at 25 °C; Source: ECHA
Xylene (1330-20-7)	
Partition coefficient n-octanol/water (Log Pow)	> 3.155 – < 3.16 XYLENE @ 20 °C : ECHA
Partition coefficient n-octanol/water (Log Kow)	> 3.12 – < 3.2 XYLENE @ 20 °C and pH 7: ECHA
n-Butyl alcohol (71-36-3)	
Partition coefficient n-octanol/water (Log Kow)	1 Source: ECHA

12.4. Mobility in soil

Dura - Epoxy Enamel LF - Catalyst	
Mobility in soil	No additional information available
Xylene (1330-20-7)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	≈ 537 XYLENE: @ 20 °C : ECHA

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

SECTION 13: Disposal Considerations

13.1. Disposal methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Flammable vapours may accumulate in the container. Do not re-use empty containers.

SECTION 14: Transport information



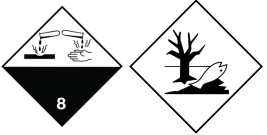
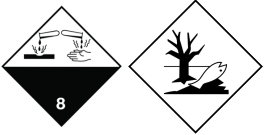
In accordance with SANS / UN RTDG / IMDG / IATA

SANS	UN RTDG	IMDG	IATA
14.1. UN number			
3082	3082	3082	3082
14.2. UN Proper Shipping Name			
CORROSIVE LIQUID, N.O.S.	Not applicable	CORROSIVE LIQUID, N.O.S.	Corrosive liquid, n.o.s.
Transport document description			
Not applicable	UN 3082	UN 3082 CORROSIVE LIQUID, N.O.S., 8, I, MARINE POLLUTANT	UN 3082 Corrosive liquid, n.o.s., 8, I
14.3. Transport hazard class(es)			
8	Not applicable	8	8

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SANS	UN RTDG	IMDG	IATA
	 Not applicable		
14.4. Packing group, if applicable			
I	Not applicable	I	I
14.5. Environmental hazards			
Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
No supplementary information available			

14.6. Special precautions for user

SANS

Special provisions (SANS)	: 274
Limited quantities (SANS)	: 0
Excepted quantities (SANS)	: E0
Packagings, large packagings and IBCs Packing instructions (SANS)	: P001
Portable tank and bulk containers instructions (SANS)	: T14
Portable tank and bulk container special provisions (SANS)	: TP2, TP27

UN RTDG

No data available

IMDG

Special provisions (IMDG)	: 274
Limited quantities (IMDG)	: 0
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P001
Tank instructions (IMDG)	: T14
Tank special provisions (IMDG)	: TP2, TP27
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	: B
Stowage and handling (IMDG)	: SW2
Properties and observations (IMDG)	: Causes burns to skin, eyes and mucous membranes.

IATA

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Forbidden
PCA limited quantity max net quantity (IATA)	: Forbidden
PCA packing instructions (IATA)	: 850
PCA max net quantity (IATA)	: 0.5L
CAO packing instructions (IATA)	: 854
CAO max net quantity (IATA)	: 2.5L
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8L

14.7. Transport in bulk according to IMO instructions

Not applicable

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SECTION 15: Regulatory information

15.1. National regulations

15.1.1. OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

Prohibited Hazardous Chemical Agents

Not regulated

15.2. Safety, health, and environmental national regulations specific for the product

No additional information available

SECTION 16: Other information

Issue date : 31/07/2023
Revision date : 11/07/2025
Supersedes : 11/07/2025

Section	Changed item	Comments
2	Precautionary statements (GHS ZA)	Modified
2	Hazard pictograms (GHS ZA)	Modified
2	Hazard statements (GHS ZA)	Modified
2.1	Classification (GHS UN)	Modified
2.1	Adverse physicochemical, human health and environmental effects	Modified
3	Composition/information on ingredients	Modified
4	Symptoms/effects after inhalation	Modified
4	First-aid measures general	Modified
5.2	Fire hazard	Modified
6	For containment	Modified
7.2	Storage conditions	Modified
9	Viscosity, dynamic	Modified
9	Flammability	Modified
9	Relative density	Modified
10	Reactivity	Modified
11	ATE ZA (dust, mist)	Modified
12.1	Ecology - general	Modified
14	EmS-No. (Fire)	Modified
14	Limited quantities (IMDG)	Modified
14	Stowage category (IMDG)	Modified
14	Tank special provisions (IMDG)	Modified
14	Tank instructions (IMDG)	Modified
14	IBC packing instructions (IMDG)	Removed
14	Excepted quantities (IMDG)	Modified
14	Special provisions (IMDG)	Modified

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Section	Changed item	Comments
14	Danger labels (SANS)	Modified
14	EmS-No. (Spillage)	Modified
14	Flash point (IMDG)	Removed
14	Portable tank and bulk containers instructions (SANS)	Modified
14	Packagings, large packagings and IBCs Packing instructions (SANS)	Modified
14	Special provisions (SANS)	Modified
14	Limited quantities (SANS)	Modified
14	Packing group (SANS)	Modified
14	Proper Shipping Name (SANS)	Modified
14	Portable tank and bulk container special provisions (SANS)	Modified
14	Danger labels (IMDG)	Modified
14	Proper Shipping Name (IMDG)	Modified
14	Properties and observations (IMDG)	Modified
14	UN-No.(SANS)	Modified
14	Stowage and handling (IMDG)	Added
14	ERG code (IATA)	Modified
14	Special provisions (IATA)	Modified
14	CAO max net quantity (IATA)	Modified
14	CAO packing instructions (IATA)	Modified
14	PCA max net quantity (IATA)	Modified
14	PCA packing instructions (IATA)	Modified
14	PCA limited quantity max net quantity (IATA)	Modified
14	PCA Limited quantities (IATA)	Modified
14	PCA Excepted quantities (IATA)	Modified
14	Danger labels (IATA)	Modified
14	Proper Shipping Name (IATA)	Modified
14.1	UN-No. (IMDG)	Modified
14.1	UN-No. (IATA)	Modified
14.4	Packing group (IMDG)	Modified
14.4	Packing group (IATA)	Modified
14.6	Packing instructions (IMDG)	Modified

Full text of H-statements:

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation

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Full text of H-statements:	
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H370	Causes damage to organs
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), South Africa (HCA)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.