iShine

DIN EN ISO 9001:2000

iFlash

Safety Data Sheet International Coating Distribution B. V. according to Regulation EU No. 1907/ 2006

1. Identification of the substance/preparation and of the company / undertaking

Company name: International Coating Distribution B.V.

CIF: NL857793421B01

Street: Stationsplein 8-K

Place: 6221 BT Maastricht

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This data sheet contains additionally the GHS/CLP-classification and labelling criteria in accordance with regulation 1272/2008/EU (incl.790/2009/EU), for mixtures entry into force from 01.06.2015. Hazards identification: Now chapt.2 according to REACH (former chapt.3) Composition/information on ingredients: Now chapt.3 according to REACH (former chapt.2)

2. Hazards identification

Classification

Regulation (EC) No. 1272/2008

Hazard categories: Skin corrosion/irritation: Skin Corr. 1B Serious eye damage/eye irritation: Eye Dam. 1 Hazard Statements: Causes severe skin burns and eye damage.

2.2. Label elements Regulation (EC) No. 1272/2008

Hazardous components which must be listed on the label

Siloxanes and vulcanized polymer, 3-[(2-aminoethyl)amino]propyl methyl,-Dimethyl Acetic acid 60 %

Signal word: Danger **Pictograms:**

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361 +P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310 Immediately call a POISON CENTER/doctor.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. Composition/information on ingredients

Chemical characterization (Mixture) EU 648/2004: aliphatic hydrocarbons 15-30%, non-ionic surfactants <5%, preservatives (Methylchloroisothiazolinone, Methylisothiazolinone, Tetramethylol-acetylendiurea), fragrances, dye, Additional information: abrasives, waxes, synthetic polymers, thickeners

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
1569-01-3	1-propoxy-propan-2-ol			25 - < 30 %
	216-372-4			
	Flam. Liq. 3, Eye Irrit. 2; H226 H319			
	Siloxanes and Vulcanzed Polymer, 3-[(2-aminoethyl)amino]propyl methyl,-Dimethyl			5 - < 10 %
	Skin Corr. 1B; H314			
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether			1- < 5%
	203-961-6	603-096-00-8		
	Eye Irrit. 2; H319			
64-19-7	Acetic acid 60 %			1- < 5%
	200-580-7	607-002-00-6		
	Flam. Liq. 3, Skin Corr. 1A; H226 H314			

Full text of R- and H-phrases: see section 16.

4. First aid measures

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Adverse human health effects and symptoms: Gastric perforation. Call a physician immediately. Do not allow a neutralisation agent to be drunk.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1.Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal .

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by

authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

Advice on storage compatibility

No special measures are necessary.

7.3. Specific end use(s)

Automotive care products

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m 3	fibres/ml	Category	Origin
112-34-5 64-19-7	2-(2-Butoxyethoxy)ethanol Acetic acid	10 15 10 15	67.5 101.2 25 37		TWA (8 h) STEL (15 min) TWA (8 h) STEL (15 min)	WEL WEL EU EU

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary . When using do not eat or drink.

Eye/face protection

Suitable eye protection: goggles.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Yellow

Odour: characteristic

pH-Value (at 20 °C): 5,6

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: 100 °C

Flash point: 63,5 °C

Flammability

Solid: not applicable

Gas: not applicable

Explosive properties

No information available.

Lower explosion limits: not determined

Upper explosion limits: not determined

Ignition temperature: 252°C

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidizing. not determined

Vapour pressure: not determined

Density (at 20 °C): 0,99 g/cm3

Water solubility: easily soluble

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: (at 20 °C): 10 mPa·s

Vapour density: not determined

Evaporation rate: not determined

Solvent content: 35,39 %

9.2. Other information

Solid content: not determined

No information available.

63,5 °C

not applicable not applicable

not determined not determined

10. Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

Acute toxicity

CAS No	Chemical name			
	Exposure routes	Method Dose	Species	Source
1569-01-3	1-propoxy-propan-2-ol			
	oral	LD50 2001 mg/kg	Rat	Manufacturer
	dermal	LD50 2001 mg/kg	rabbit	Manufacturer
	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl methyl,-Dimethyl			
	oral	LD50 5628 mg/kg	rat	ECHA
	dermal	LD50 15800 mg/kg	rabbit	ECHA
	inhalative (4 h) aerosol	LC50 83,8 mg/l	rat	ECHA
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether			

	oral	LD50 5660 mg/kg	Rat	Manufacturer
	dermal	LD50 4120 mg/kg	Rabbit	Manufacturer
64-19-7	Acetic acid 60 %			
	oral	LD50 3310 mg/kg	Rat	GESTIS

12. Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name				
	Aquatic toxicity	Method Dose	[h] | [d]	Species	Source
1569-01-3	1-propoxy-propan-2-ol				
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	Manufacturer
	Acute algae toxicity	ErC50 1466 mg/l	96 h	Pseudokirchneriella subcapitata	Manufacturer
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer
	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl methyl,-Dimethyl				
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna (Water flea)	ECHA
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether				

	Acute algae toxicity	ErC50 > 100 mg/l	96 h	Scenedesmus sp.	Manufacturer
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer
64-19-7	Acetic acid 60 %				
	Acute crustacea toxicity	EC50 65 mg/l	48 h	Daphnia magna (Big water flea)	Janssen et al.

12.2 Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1569-01-3	1-propoxy-propan-2-ol	0,621
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	0,56
64-19-7	Acetic acid 60 %	- 0,17

12.4 Mobility in Soil

The product has not been tested

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

14. Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1760

14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. (1-propoxy-propan-2-ol)

14.3. Transport hazard class(es): 8

14.4. Packing group: III

Hazard label:

Classification code: C9

Special Provisions: 274

Limited quantity: 5L

Excepted quantity: E1

Transport category: 3

Hazard No: 80

Tunnel restriction code: E

Inland waterways transport (ADN)

14.1. UN number: UN 1760

14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. 1-propoxy-propan-2-ol)

14.3. Transport hazard class(es): 8

14.4. Packing group: III

Hazard label: 8

Classification code: C9

Special Provisions: 274

Limited quantity: 5L

Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1760

14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. 1-propoxy-propan-2-ol)

14.3. Transport hazard class(es): 8

14.4. Packing group: III

Hazard label: 8

Special Provisions: 223,274

Limited quantity: 5L

Excepted quantity: E1

EmS: F-A, S-B

Air transport (ICAO)

14.1. UN number: UN 1760

14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. 1-propoxy-propan-2-ol)

14.3. Transport hazard class(es): 8

14.4. Packing group: III

Hazard label: 8

Special Provisions: A3 A803

Limited quantity Passenger: 1L

Passenger LQ: Y841

Excepted quantity: E1

IATA-packing instructions - Passenger: 852

IATA-max. quantity – Passenger: 5L

IATA-packing instructions - Cargo: 856

IATA-max. quantity - Cargo: 60L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

14.6. Special precautions for user

Warning: strongly corrosive.

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

not applicable

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2010/75/EU (VOC): 32,7 %

Additional information

850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions: Observe employment restrictions for young people.
Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. Other information

Abbreviations and acronyms

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 IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service LC50: Lethal concentration, 50% LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour. H314 Causes severe skin burns and eye damage. H319 Causes serious eye irritation.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data

sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub- contractor's safety data sheet.)