



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 10/04/2012 Version: 3.0

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

1.1. **Product identifier**

Product form : Mixture

: µ- dIFe 7 No-Clean, Lead Free Ball Dip Paste Trade name

Product code : SDP7* (SAC305)

(* All packaging included)

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

: Industrial use Main use category Industrial/Professional use spec : Industrial Use of the substance/mixture : Solder paste Title **Use descriptors**

Industrial uses: Uses of substances as such or

in preparations* at industrial sites

SU0, SU14, PC7, PC38

1.2.2. Uses advised against

No additional information available

Details of the supplier of the safety data sheet

Interflux® Electronics nv Eddastraat 51 9042 Gent - BELGIUM T+32 9 2514959

reach@interflux.com - www.interflux.com

1.4. **Emergency telephone number**

Emergency number : ++1-703-527-3887 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) no 1272/2008 (CLP)

Serious eye damage/eye irritation, Category 2 H319 Skin sensitisation, Category 1

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Other information

NFPA-code : 1-1-0



2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP) : Warning Hazardous ingredients : colophony

Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection.









P302+P352 - IF ON SKIN: Wash with plenty of 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.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

EUH-statements : EUH208 - Contains colophony. May produce an allergic reaction.

UFI : In progress

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Other hazards not contributing to the

classification

: The product is not hazardous as supplied nor is it hazardous when handled under normal conditions. This product may become hazardous in use and the information in this data sheet reflects the hazards associated with solder operations.

SECTION 3: Composition/information on ingredients

Substances

Not applicable

3.2. **Mixtures**

Name	Product identifier	%	Classification according to Regulation (EC) no 1272/2008 (CLP)
tin	(CAS N°) 7440-31-5 (EC N°) 231-141-8 (REACH-no) 01-2119486474-28	*)	Not classified
colophony	(CAS N°) 8050-09-7 (EC N°) 232-475-7 (EC Index-No.) 650-015-00-7 (REACH-no) 01-2119480418-32	10-20	Skin Sens. 1, H317
2-(2-butoxyethoxy)ethanol	(CAS N°) 112-34-5 (EC N°) 203-961-6 (EC Index-No.) 603-096-00-8 (REACH-no) 01-2119475104-44	6-9	Eye Irrit. 2, H319
silver, powder	(CAS N°) 7440-22-4 (EC N°) 231-131-3 (REACH-no) 01-2119555669-21	*)	Aquatic Acute 1, H400 (M=1000)
copper	(CAS N°) 7440-50-8 (EC N°) 231-159-6 (REACH-no) 01-2119480154-42	*)	Aquatic Acute 1, H400

Full text of H-statements: see section 16

Alloy	Tin % wt	Silver % wt	Copper % wt
Sn99,3Cu0,7	Rest	-	0,7±0.1
Sn96,5Ag3Cu0,5	Rest	3,0±0.2	0,5±0.1
Sn95,5Ag3,8Cu0,7	Rest	3,8±0.2	0,7±01
Sn96,5Ag4Cu0,5	Rest	4,0±0.2	0,5±01

SECTION 4: First aid measures

Description of first aid measures

First aid measures after inhalation First aid measures after skin contact : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

First aid measures after eye contact

Take victim to a doctor if irritation persists. After contact with skin, wash immediately with plenty of warm water and soap.

Rinse immediately with plenty of water. Take victim to an ophthalmologist if irritation persists.

First aid measures after ingestion

Immediately after ingestion: give lots of water to drink. Victim is fully conscious: immediately induce vomiting. Consult a doctor/medical service if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation

: Provide local exhaust or general room ventilation to minimize mist and/or vapour

concentrations.

Symptoms/effects after skin contact Symptoms/effects after eye contact

: Mild skin irritation. Not irritating. : Irritation of the eye tissue.





according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Extinguishing media. Carbon dioxide. Dry chemical powder. foam.

Unsuitable extinguishing media : Never use water near molten metal.

5.2. Special hazards arising from the substance or mixture

Fire hazard : DIRECT FIRE HAZARD: Non combustible.

Reactivity : Molten metal reacts violently with oxidising agents.

5.3. Advice for firefighters

Precautionary measures fire : Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to

fire/heat: have neighbourhood close doors and windows.

Protection during firefighting : Heat/fire exposure: compressed air apparatus (EN 136 + EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Gloves (EN 374). Protective clothing (EN 14605 or EN 13034).

Emergency procedures : Mark the danger area. Prevent dust cloud formation, e.g. by wetting. No naked flames. Wash

contaminated clothes.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not discharge into drains or the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Carefully collect the spill/leftovers. Take up liquid spill into absorbent material, e.g.: dry

sand/earth/vermiculite or powdered limestone.

Other information : Upon burning: formation of metallic fumes/vapours.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Vapours produced during soldering operations.

Precautions for safe handling : Avoid breathing fume. Work under local exhaust/ventilation. Wash hands immediately after

handling the product.

Hygiene measures : Always wash hands and face immediately after handling this product, and once again before

leaving the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Maximum storage period : 6 months Storage temperature : 3-10 °C

Storage area : Store in a cool area. Let the solder paste reach room temperature prior to opening the

packaging.

7.3. Specific end use(s)

REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

tin (7440-31-5)

EU - Occupational Exposure Limits

IOELV TWA (mg/m³) 2 mg/m³



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tin (7440-31-5)	
Belgium - Occupational Exposure Limits	
Limit value (mg/m³)	2 mg/m³
Netherlands - Occupational Exposure Limits	
Grenswaarde TGG 8H (mg/m³)	2 mg/m³
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (mg/m³)	2 mg/m³ (Inhalable fraction)
silver, powder (7440-22-4)	
EU - Occupational Exposure Limits	
IOELV TWA (mg/m³)	0.1 mg/m³
Belgium - Occupational Exposure Limits	v. i iigiii
Limit value (mg/m³)	0.1 mg/m³
France - Occupational Exposure Limits	v. i iigiii
VME (mg/m³)	0.1 mg/m³
Netherlands - Occupational Exposure Limits	
Grenswaarde TGG 8H (mg/m³)	0.1 mg/m³
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m³)	0.1 mg/m³
USA - ACGIH - Occupational Exposure Limits	V. 1. 11.9
ACGIH TWA (mg/m³)	0.1 mg/m³
copper (7440-50-8)	
Belgium - Occupational Exposure Limits	
Limit value (mg/m³)	0.2 mg/m³ 1 mg/m³
France - Occupational Exposure Limits	, v
VME (mg/m³)	0.2 mg/m³
	1 mg/m³
VLE (mg/m³)	2 mg/m³
Netherlands - Occupational Exposure Limits	
Grenswaarde TGG 8H (mg/m³)	0.1 mg/m³ (inhaleerbaar)
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m³)	0.2 mg/m³ 1 mg/m³
WEL STEL (mg/m³)	2 mg/m³
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (mg/m³)	0.2 mg/m³ 1 mg/m³
2-(2-butoxyethoxy)ethanol (112-34-5)	
EU - Occupational Exposure Limits	
IOELV TWA (mg/m³)	67.5 mg/m³ (2-(2-Butoxyethoxy)ethanol; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
IOELV TWA (ppm)	10 ppm (2-(2-Butoxyethoxy)ethanol; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
IOELV STEL (mg/m³)	101.2 mg/m³ (2-(2-Butoxyethoxy)ethanol; EU; Short time value; Indicative occupational exposure limit value)
IOELV STEL (ppm)	15 ppm (2-(2-Butoxyethoxy)ethanol; EU; Short time value; Indicative occupational exposure limit value)





according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Belgium - Occupational Exposure Limits	
Limit value (mg/m³)	67.5 mg/m³ (2-(2-Butoxyéthoxy)éthanol; Belgium; Time-weighted average exposure limit 8 h)
Limit value (ppm)	10 ppm (2-(2-Butoxyéthoxy)éthanol; Belgium; Time-weighted average exposure limit 8 h)
Short time value (mg/m³)	101.2 mg/m³ (2-(2-Butoxyéthoxy)éthanol; Belgium; Short time value)
Short time value (ppm)	15 ppm (2-(2-Butoxyéthoxy)éthanol; Belgium; Short time value)
France - Occupational Exposure Limits	
VME (mg/m³)	67.5 mg/m³ (2-(2-Butoxyéthoxy)éthanol; France; Time-weighted average exposure limit 8 h; VRI: Valeur réglementaire indicative)
VME (ppm)	10 ppm (2-(2-Butoxyéthoxy)éthanol; France; Time-weighted average exposure limit 8 h; VRI: Valeur réglementaire indicative)
VLE (mg/m³)	101.2 mg/m³ (2-(2-Butoxyéthoxy)éthanol; France; Short time value; VRI: Valeur réglementaire indicative)
VLE (ppm)	15 ppm (2-(2-Butoxyéthoxy)éthanol; France; Short time value; VRI: Valeur réglementaire indicative)
Netherlands - Occupational Exposure Limit	s
Grenswaarde TGG 8H (mg/m³)	50 mg/m³ (2-(2-butoxyethoxy)ethanol; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)
Grenswaarde TGG 8H (ppm)	7.4 ppm (2-(2-butoxyethoxy)ethanol; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)
Grenswaarde TGG 15MIN (mg/m³)	100 mg/m³ (2-(2-butoxyethoxy)ethanol; Netherlands; Short time value; Public occupational exposure limit value)
Grenswaarde TGG 15MIN (ppm)	15 ppm (2-(2-butoxyethoxy)ethanol; Netherlands; Short time value; Public occupational exposure limit value)
United Kingdom - Occupational Exposure L	Limits
WEL TWA (mg/m³)	67.5 mg/m³ 2-(2-Butoxyethoxy)ethanol; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
WEL TWA (ppm)	10 ppm 2-(2-Butoxyethoxy)ethanol; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
WEL STEL (mg/m³)	101.2 mg/m³ 2-(2-Butoxyethoxy)ethanol; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)
WEL STEL (ppm)	15 ppm 2-(2-Butoxyethoxy)ethanol; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)
USA - ACGIH - Occupational Exposure Lim	its
ACGIH TWA (ppm)	10 ppm (Diethylene glycol monobutyl ether; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction and vapor)
colophony (8050-09-7)	
France - Occupational Exposure Limits	
VME (mg/m³)	0.1 mg/m³
United Kingdom - Occupational Exposure l	imits
WEL TWA (mg/m³)	0.05 mg/m³
WEL STEL (mg/m³)	0.15 mg/m³

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses.





Hand protection : Wear suitable gloves. Eye protection : Safety glasses (EN166).





according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Skin and body protection : Protective clothing (EN 14605 or EN 13034).

Respiratory protection : Work under local exhaust/ventilation. In case of insufficient ventilation, wear suitable respiratory

equipment.

Consumer exposure controls : The need for personal protective equipment should be based on a workplace risk assessment

for the particular use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Viscous.
Colour : Grey.
Odour : Mild odour.
Odour threshold : No data available
pH : No data available

Melting point : IEC-EN-61190-1-3: SAC305: 217°C-220°C

Freezing point : No data available
Boiling point : No data available

Flash point : 168 °C

Relative evaporation rate (butylacetate=1) : No data available Flammability (solid, gas) : No data available Explosive limits : No data available Vapour pressure : No data available Relative vapour density at 20 °C : No data available

Relative density : Sn96,5Ag3Cu0,5 - 70%: > 4g/cm³

Solubility : Water: Insoluble Partition coefficient n-octanol/water (Log Pow) No data available Partition coefficient n-octanol/water (Log Kow) : No data available : No data available Auto-ignition temperature Decomposition temperature : No data available : No data available Viscosity, kinematic Viscosity, dynamic : No data available : No data available Explosive properties Oxidising properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Molten metal reacts violently with oxidising agents.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

High temperatures. humid air.

10.5. Incompatible materials

Keep away from oxidizing agents. Keep away from reducing agents/(strong) acids /(strong) bases.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified





SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

> 2000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 15 day(s))
> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
> 4.75 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust), 14 day(s))
> 5000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value of similar product, Oral, 14 day(s))
> 2000 mg/kg (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 15 day(s))
> 5.16 mg/l (OECD 436: Acute inhalation toxicity-acute toxic class method, 4 h, Rat, Male / female, Experimental value, Inhalation (dust), 14 day(s))
5660 mg/kg (Rat)
2764 mg/kg (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
5660 mg/kg bodyweight
2764 mg/kg bodyweight
2800 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)
> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)
2800 mg/kg bodyweight
: Not classified
: Causes serious eye irritation.
: May cause an allergic skin reaction.
: Not classified

SECTION	N 12: Eco	logical	inform	ation

12.1.

Toxicity

Ecology - general	Not biodegradable and may therefore not be disposed in the environment.
Ecology - water	Flux used for solder paste is readily biodegradable - Metals are not biodegradable and may therefore not be disposed in the environment
tin (7440-31-5)	
LC50 fish 1	> 12.4 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Lethal)
LC50 other aquatic organisms 1	10 mg/l (144 h, GAMMARUS SP.)
EC50 Daphnia 1	1.5 mg/l (504 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 1	21.23 mg/l (96 h, TUBIFEX TUBIFEX)
LC50 fish 2	0.42 mg/l (672 h, SALMO GAIRDNERI/ ONCORHYNCHUS MYKISS, METAL ION)
LC50 other aquatic organisms 2	42 mg/l (48 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 2	140.28 mg/l (48 h, TUBIFEX TUBIFEX, METAL ION)
silver, powder (7440-22-4)	
LC50 fish 1	1.2 µg/l (96 h, Pimephales promelas, Semi-static system, Fresh water, Experimental value, Silver ion)
ErC50 (algae)	$0.285~\mu g/l$ (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
copper (7440-50-8)	
LC50 fish 1	38.4 – 256.2 μg/l (96 h, Pimephales promelas, Flow-through system, Fresh water, Readacross)
EC50 Daphnia 1	$3.8-118.5\ \mu\text{g/I}$ (US EPA, 48 h, Daphnia magna, Static system, Fresh water, Weight of evidence)





according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2-(2-butoxyethoxy)ethanol (112-34-5)	
LC50 fish 1	1300 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Lepomis macrochirus; Static system; Fresh water; Experimental value)
EC50 Daphnia 2	> 100 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna Static system; Fresh water; Experimental value)
colophony (8050-09-7)	
LC50 fish 1	1 – 10 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	911 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 (algae)	> 1000 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)
2.2. Persistence and degradability	
tin (7440-31-5)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
silver, powder (7440-22-4)	
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
	approximation (mongame)
copper (7440-50-8)	Diadogradakilitu nat appliaahla
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
2-(2-butoxyethoxy)ethanol (112-34-5) Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the
Disabassis I susuas dans a d (DOD)	substance available. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.25 g O ₂ /g substance
Chemical oxygen demand (COD)	2.08 g O ₂ /g substance
ThOD BOD (% of ThOD)	2.173 g O₂/g substance 0.11
,	0.11
colophony (8050-09-7)	
Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.6 g O ₂ /g substance
2.3. Bioaccumulative potential	
tin (7440-31-5)	
Bioaccumulative potential	Not bioaccumulative.
silver, powder (7440-22-4)	
BCF fish 1	70 (30 day(s), Cyprinus carpio, Fresh water, Experimental value, Fresh weight)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
copper (7440-50-8)	
Bioaccumulative potential	Bioaccumulation: not applicable.
·	водобалицион. пос аррноцию.
2-(2-butoxyethoxy)ethanol (112-34-5)	0.40 (DOF)
BCF fish 1	0.46 (BCF)
Partition coefficient n-octanol/water (Log Pow)	0.56 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
colophony (8050-09-7)	
BCF other aquatic organisms 1	56.2 (BCFBAF v3.00, QSAR)
Partition coefficient n-octanol/water (Log Pow)	1.9 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
2.4. Mobility in soil	
tin (7440-31-5)	
Surface tension	No data available (test not performed)
2/06/2019 (Version: 3.0)	
ZUDDZUTIM (VERSION: 3.11)	EN (English)





according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

tin (7440-31-5)	
Ecology - soil	Adsorbs into the soil.
silver, powder (7440-22-4)	
Ecology - soil	No (test)data on mobility of the substance available.
copper (7440-50-8)	
Ecology - soil	Adsorbs into the soil.
2-(2-butoxyethoxy)ethanol (112-34-5)	
Surface tension	0.034 N/m (25 °C)
colophony (8050-09-7)	
Surface tension	0.078 N/m (20 °C, EU Method A.5: Surface tension)
Partition coefficient n-octanol/water (Log Koc)	0.8759 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

12.5. Results of PBT and vPvB assessment

μ- dlFe 7 No-Clean, Lead Free Ball Dip Paste

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

tin (7440-31-5)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

silver, powder (7440-22-4)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

copper (7440-50-8)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

colophony (8050-09-7)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Do not discharge into the sewer. Do not discharge into surface water. Recycle/reuse.

Ecology - waste materials : Do not discharge into surface water. Do not discharge into the sewer.

EURAL code : 10 08 11 - dross and skimmings other than those mentioned in 10 08 10

15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable





according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR) : Not subject

- Transport by sea

Transport regulations (IMDG) : Not subject

- Air transport

Transport regulations (IATA) : Not subject

- Inland waterway transport

No data available

- Rail transport

Transport regulations (RID) : Not subject

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

Additional rules to be obtained at Interflux® Electronics NV

Remark:

Above mentioned regulations are in force at the moment of publication of this (SDS) safety data sheet. With reference to possible modifications in transport regulations of dangerous goods, we advise you to verify its validity at Interflux® Electronics NV.

SECTION 15: Regulatory information

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

15.1.1. EU Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances







according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

15.1.2. National regulations

Germany

Regulatory reference : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

15.2. Chemical safety assessment

Chemical safety assessments for substances in this preparation were carried out

SECTION 16: Other information

Other information : Intrastat code 3810 10 00.

Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
EUH208	Contains colophony. May produce an allergic reaction.

Full text of use descriptors

PC38	Welding and soldering products, flux products
PC7	Base metals and alloys
SU0	Other
SU14	Manufacture of basic metals, including alloys

SDS EU (REACH Annex II)

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.

DISCLAIMER

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the suitability of each such product for their particular purposes. The products discussed are sold without such warranty, either expressed or implied.

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