

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
First edition: 2/11/1997 Last revision: 20/12/2022 Supersedes version of: 17/07/2019 Version: 13.2

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

1.1. Product identifier

Product form : Mixture
Name : 2C-Metal
Product number : 07.1351.0070

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

Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance or preparation : 2C-Metal is a high-quality dual component product for the quick repairing or sealing of cracks and holes in a variety of materials. Particularly suitable for applications in the car repair sector, but also in industry, sanitary, engineering water sports, etc.

1.3. Details of the supplier of the safety data sheet

PCS Innotec International NV
Schans 4
BE - 2480 Dessel
T.: +32 (0) 14 32 60 01
F.: +32 (0) 14 32 60 12
hse@innotec.eu

Distributor:
Innotec Supplies Ltd.
Unit 25 Glenmore Business Park,
Telford RD
UK - SP2 7GL Salisbury, Wiltshire
T.: +44 (0)1722411744
info@innotecworld.com

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch):
BIG : +32 (0) 14 58 45 45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Irrit. 2 H315
Eye Irrit. 2 H319
Skin Sens. 1 H317
Aquatic Chronic 3 H412

Full text of hazard classes, H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Contains : Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)
Hazard statements (CLP) : H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P273 - Avoid release to the environment.
P280 - Wear protective gloves, 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.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) no 1272/2008 (CLP)
Talc (Mg ₃ H ₂ (SiO ₃) ₄) (substance with a Community workplace exposure limit)	CAS number: 14807-96-6 EINECS / ELINCS number: 238-877-9	35 – 50	Not classified
Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	CAS number: 25068-38-6 EINECS / ELINCS number: 500-033-5 EC Index-No.: 603-074-00-8	5 – 25	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Glass, oxide, chemicals (substance with a Community workplace exposure limit)	CAS number: 65997-17-3 EINECS / ELINCS number: 266-046-0	15 – 20	Carc. 1B, H350
2,4,6-tris(dimethylaminomethyl)phenol	CAS number: 90-72-2 EINECS / ELINCS number: 202-013-9	1 – 3	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	CAS number: 25068-38-6 EINECS / ELINCS number: 500-033-5 EC Index-No.: 603-074-00-8	(5 \leq C \leq 100) Skin Irrit. 2; H315 (5 \leq C \leq 100) Eye Irrit. 2; H319

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	: Get medical advice/attention if you feel unwell. Poisoning symptoms might still occur after many hours.
Inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	: Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. Get medical advice/attention.
Eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	: Call a POISON CENTER/doctor if you feel unwell. Do NOT induce vomiting. Rinse mouth.

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

Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Eyes contact	: Causes serious eye irritation.
Ingestion	: Severe irritation or burns to the mouth, throat, oesophagus, and stomach.

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	: Making extinguishing agents environment-friendly.
------------------------------	---

5.2. Special hazards arising from the substance or mixture

Reactivity in case of fire	: On heating or during combustion : release of irritant gases/vapours.
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide. Nitrogen oxides. metallic oxide. Sulphur oxides. Halogenated hydrocarbons.

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

5.3. Advice for firefighters

Firefighting instructions	: Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Wear suitable protective clothing.
------------------	--------------------------------------

For non-emergency personnel

Protective equipment	: Refer to protective measures listed in sections 7 and 8.
Emergency procedures	: Evacuate unnecessary personnel.

For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This product and its container must be disposed of in a safe way, and as per local legislation.
-------------------------	---

Other information	: Ensure adequate ventilation.
-------------------	--------------------------------

6.4. Reference to other sections

Stable in handling and storage conditions as recommended in section 7. Concerning personal protective equipment to use, see section 8. Concerning disposal/elimination after cleaning: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
------------------	---

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Storage temperature	: 35 °C
Technical condition(s)	: Impermeable underground / retention basin. Store in a well-ventilated place.
Special rules on packaging	: Keep container tightly closed and dry. Keep only in original container. Store in a cool area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Talc (Mg ₃ H ₂ (SiO ₃) ₄) (14807-96-6)	
United Kingdom - Occupational Exposure Limits	
Local name	Talc
WEL TWA (OEL TWA)	1 mg/m ³ respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Glass, oxide, chemicals (65997-17-3)	
EU - Binding Occupational Exposure Limit (BOEL)	
Local name	Refractory ceramic fibres: Glass, oxide, chemicals
BOEL TWA	0,3 fibers/mL
Regulatory reference	DIRECTIVE (EU) 2019/130 (amending Directive 2004/37/EC)

DNEL and PNEC

Talc (Mg ₃ H ₂ (SiO ₃) ₄) (14807-96-6)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	2,16 mg/m ³

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Talc (Mg₃H₂(SiO₃)₄) (14807-96-6)	
Acute - local effects, inhalation	3,6 mg/m ³
Long-term - systemic effects, dermal	43,2 mg/kg bodyweight/day
Long-term - local effects, dermal	4,54 mg/cm ²
Long-term - systemic effects, inhalation	2,16 mg/m ³
Long-term - local effects, inhalation	3,6 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	1,08 mg/m ³
Acute - systemic effects, oral	160 mg/kg bodyweight/day
Acute - local effects, inhalation	1,8 mg/m ³
Long-term - systemic effects, oral	160 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1,08 mg/m ³
Long-term - systemic effects, dermal	21,6 mg/kg bodyweight/day
Long-term - local effects, dermal	2,27 mg/cm ²
Long-term - local effects, inhalation	1,8 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	597,97 mg/l
PNEC aqua (marine water)	141,26 mg/l
PNEC aqua (intermittent, freshwater)	597,97 mg/l
PNEC aqua (intermittent, marine water)	141,26 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	31,33 mg/kg dwt
PNEC sediment (marine water)	3,13 mg/kg dwt
Glass, oxide, chemicals (65997-17-3)	
PNEC (Water)	
PNEC aqua (freshwater)	6,5 µg/l
PNEC aqua (marine water)	3,4 µg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	174 mg/kg dwt
PNEC sediment (marine water)	164 mg/kg dwt
PNEC (Soil)	
PNEC soil	147 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	10,9 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	100 µg/l

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:

In case of inadequate ventilation wear respiratory protection. Gloves. Safety glasses.

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

In case of splash hazard: safety glasses

Skin protection

Skin protection:

Wear suitable protective clothing.

Hand protection:

Where hand contact with the product may occur, the use of gloves (approved according to the EN374 standard) made from the following materials may provide suitable chemical protection: PVC. For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes. For short-term/splash protection we recommend the same, but recognise that suitable gloves offering this level of protection may not be available. In this case a lower breakthrough time may be acceptable as long as appropriate glove maintenance and replacement regimes are rigorously followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Depending on model and material, glove thickness generally should be greater than 0,35 mm. Suitability and durability of a glove is dependent on usage (= frequency and duration of contact), chemical resistance of glove material, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly.

Respiratory protection

Respiratory protection:

Wear appropriate breathing apparatus if air renewal not sufficient to maintain dust/vapour under TLV.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Light grey.
Odour	: Sulfur. Pungent.
Odour threshold	: Not available
Melting point/melting range	: Not available
Freezing point	: Not available
Boiling point/range	: Not available
Flammability	: Not available
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: > 93,3 °C
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Water: insoluble in water
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 20 °C	: Not available
Density	: Not available
Relative density (water = 1)	: 1,95
Vapour density	: Not applicable
Particle size	: Not available

9.2. Other information

Other safety characteristics

V.O.C. (V.O.S.) : 0 g/l

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 10: Stability and reactivity

10.1. Reactivity

On heating: release of irritant gases/vapours.

10.2. Chemical stability

Stable under normal conditions.

Hardening time : 15 minutes (20°C)

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Talc (Mg ₃ H ₂ (SiO ₃) ₄) (14807-96-6)	
LD50/oral/rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50/inhalation/4h/rat	> 2,1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)

Glass, oxide, chemicals (65997-17-3)	
LD50/oral/rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
LD50/oral/rat	2169 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1916 - 2455
LD50 dermal rat	1280 mg/kg

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

Talc (Mg ₃ H ₂ (SiO ₃) ₄) (14807-96-6)	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
NOAEL (oral, rat, 90 days)	15 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

No additional information available

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

Talc (Mg ₃ H ₂ (SiO ₃) ₄) (14807-96-6)	
LC50/96h/fish	89581,02 mg/l Test organisms (species): other:
LC50 - Fish [2]	110000 mg/l Test organisms (species): other:
EC50 96h - Algae [1]	7202,7 mg/l Test organisms (species): other:
NOEC (chronic)	1459,798 mg/l Test organisms (species): other: Duration: '30 d'

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
LC50/96h/fish	> 100 mg/l Test organisms (species): Cyprinus carpio
EC50/24h/daphnia magna	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	46,7 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	25,5 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

2C-Metal	
Persistence and degradability	Rapidly degradable

Talc (Mg ₃ H ₂ (SiO ₃) ₄) (14807-96-6)	
Persistence and degradability	Rapidly degradable

Glass, oxide, chemicals (65997-17-3)	
Persistence and degradability	Rapidly degradable

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
Persistence and degradability	Rapidly degradable

Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
Partition coefficient n-octanol/water (Log Pow)	0,219
Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)	
Bioconcentration factor (BCF REACH)	31
Partition coefficient n-octanol/water (Log Pow)	2,64 – 3,78

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

2C-Metal	
General information(s)	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment, The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste / unused products : Avoid release to the environment.

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

European List of Waste (LoW, EC 2000/532) : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1. UN number or ID number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

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

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

14.5. Environmental hazards

Further information : No supplementary information available

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

VOC Directive (2004/42)

V.O.C. (V.O.S.) : 0 g/l

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Supersedes	Added
	Last revision	Modified
2.3		
8.1		
8.2		
9.1		
9.2		
11.2.		
12.6		
12.7		
15		
16		

Abbreviations and acronyms:

	TLV = Threshold Limit Value
	IMDG = International Maritime Code for Dangerous Goods
	STEL = Short term exposure limit
	SVHC = Substance of Very High Concern
	VME = Valeur Limite de Moyenne d'exposition
	PNEC = Predicted No-Effect Concentration
	vPvB = very Persistent and very Bioaccumulative
	VLE = Valeur Limite d'exposition
	STOT RE = specific target organ toxicity repeated exposure
	RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).
	OEL = Occupational Exposure Limits
	DNEL = Derived No-Effect Level
	IOELV = Indicative Occupational Exposure Limit Value (EU)
	VLA-ED = valores límite ambientales para la exposición diaria
	PBT = Persistent, bioaccumulative and toxic
	UEL = Upper Explosion Limit
	N.O.S. = Not Otherwise Specified

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
	LC50 = Lethal concentration, 50 percent
	ICAO = International Civil Aviation Organization
	EINECS/ELINCS = European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
	DPD = Dangerous Preparation Directive
	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	ADR = Accord européen sur le transport des marchandises dangereuses par Route
	NDS = Najwyższe Dopuszczalne Stężenie
	TRGS = Technischen Regeln für Gefahrstoffe
	TWA = time weighted average
	ATE = Acute Toxicity Estimate
	VOC = Volatile Organic Compounds
	HTP = Haitallisiksi tunnetut pitoisuudet
	IATA = International Air Transport Association
	CLP = Classification, labelling and packaging
	CAS = Chemical Abstracts Service
	DSD = Dangerous Substance Directive
	CSR = Chemical Safety Report
	DMEL = Derived Minimal Effect Level
	WGK = Wassergefährdungsklasse
	NDSch = Najwyższe Dopuszczalne Stężenie Chwilowe
	MAL-kode = Måleteknisk Arbejdshygienisk Luftbehov
	MAK = Maximale Arbeitsplatzkonzentrationen
	LEL = Lower Explosion Limit
	STOT SE = specific target organ toxicity single exposure
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	LD50 = Lethal dose, 50 percent
	ACGIH = American Conference of Governmental Industrial Hygienists
	VLA-EC = valores límite ambientales para la exposición de corta duración

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H350	May cause cancer.
H411	Toxic to aquatic life with long lasting effects.

2C-Metal

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:

H412	Harmful to aquatic life with long lasting effects.
------	--

SDS PCS Innotec 2025

Disclaimer with regard to REACH:

The information provided in this Safety Data Sheet is consistent with the information in the Chemical Safety Report, as far as this information was available at the time of compilation (see last revision date).

Disclaimer:

The information of this Safety Data Sheet is based on the present state of our knowledge and on current EC and national laws, as the users' working conditions are beyond our knowledge and control. The user is always responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this Safety Data Sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The information provided relates only to the specific product designated and may not be valid for such product used in combination with any other product. The product must not be used for any purposes other than those specified without first obtaining written handling instructions.