

Issue date: 17/07/2024

Section 1 Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**Prysmian Soldering Flux (Coraline)
UFI 1JS2-204Y-100M-M7AE**1.2. Relevant identified uses of the substances or mixture and uses advised against**

Soldering flux for electrical connections

1.3. Details of the supplier of the safety data sheet**Company information**Prysmian Cables and Systems Ltd
Oak Road, Wrexham Industrial Estate,
Wrexham LL13 9PHPrysmian Cavi e Sistemi Italia S.r.l.
Via Chiese 6
20126 – Milano
Italy**Telephone**

+44 (0) 1978 66 2375

Emailsa.clpsd01gb@prysmiangroup.com**Emergency telephone number**

+44 (0)1978 66 2216

Section 2 Hazards identification

This product is a mixture.

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):

Acute toxicity, Oral	Hazard Category 4	H302
Skin corrosion	Hazard Category 1B	H314
Acute aquatic toxicity	Hazard Category 1	H400
Chronic aquatic toxicity STOT SE 3, H355: C ≥ 5%	Hazard Category 1	H410

For full text of H statements see Section 16.

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):

Signal Word: Danger

GHS Pictogram



Hazard Statement: Harmful if swallowed (H302)
 Causes severe burns and eye damage (H314)
 May cause respiratory irritation. (H335)
 Very toxic to aquatic life (H400)
 Very toxic to aquatic life with long lasting effects (H410)

Precautionary Statement (Prevention): Do not breathe dust/fume/gas/mist/vapours/spray (P260)
 Avoid breathing dust/fume/gas/mist/vapours/spray (P261)
 Wash hands thoroughly after handling (P264)
 Do not eat, drink or smoke when using this product (P270)
 Use only outdoors or in well-ventilated areas (P271)
 Avoid release to the environment (P273)
 Wear protective gloves/protective clothing/eye protection/face protection (P280)
 Store in a well-ventilated space. Keep container tightly closed. (P403+P233)
 Store locked up (P405)

Precautionary Statement (Response): IF SWALLOWED: Rinse mouth. Call a Poison Centre or doctor if you feel unwell. Do not induce vomiting. (P301 + P330 + P312 + P331)
 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water / shower. (P303 + P361 + P353)
 IF INHALED: Immediately call a Poison Centre or doctor. Remove victim to fresh air and keep at rest in a position comfortable for breathing. (P304 + P310 + P340)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. (P305 + P351 + P338)
 Wash contaminated clothing before use (P363)
 Collect spillage. Hazardous to aquatic environment (P391).

Precautionary Statement (Disposal): Dispose of contents/container according to all local/regional/national/international regulations (P501)

2.3. Other hazards

No additional data available.

Section 3 Composition / information on ingredients

This product is a mixture.

Chemical Name	REACH Registration Number	Index Number	CAS Number	EINECS/ELINCS	Hazard Class/Category/Statement	Concentration (%w/w)
Petrolatum	01-2119490412-42-XXXX		8009-03-8	232-373-2		70 - 80
Zinc chloride (Zinc chloride, fume)	01-211947231-44-XXXX	030-003-00-2	7646-85-7	231-592-0	Acute Tox 4; H302 Skin Corr 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 STOT SE 3; H335: C≥5%	20 - 30
Marlowet OFA			132643-17-5			0 - 3

Section 4 First aid measures

4.1. Description of first aid measures

General information: If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor/physician in attendance,

Inhalation: Move the exposed person to fresh air. Seek medical attention. If breathing is difficult give oxygen

Eye Contact: Seek medical attention. Rinse immediately with plenty of water for 15 minutes.

Skin Contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Ingestion: DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Rinse mouth with water (only if the person is conscious). Seek medical advice immediately and show this SDS or label.

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

Causes severe inflammation and may damage the cornea.

Inhalation may cause shortness of breath.

Ingestion may cause nausea and vomiting.

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

Provide general supportive measure and treat symptomatically. If swallowed seek medical attention immediately and show this SDS or label.

Section 5 Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media: Carbon dioxide, foam or dry chemical.

5.2. Special hazards arising from the substance or mixture

Corrosive. Burning produces irritating toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus when necessary.

Section 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation of the working area. Wear suitable protective equipment. Evacuate personnel to a safe area.

Advice for emergency responders: For personal protection see Section 8.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Stop leak if without risk. Absorb with inert absorbent material. Transfer to suitable labelled containers for disposal. Clean spillage area with plenty of water.

6.4. Reference to other sections

See Section 13 for disposal information.

Section 7 Handling and storage**7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the work area.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store in original container.

7.3. Specific end use(s)

See Section 1.2

Section 8 Exposure controls / personal protection
8.1. Control parameters

	8 hour TWA	15 min STEL
Zinc chloride (Zinc chloride fumes)	1 mg/m ³	2 mg/m ³

8.2. Exposure controls
8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure the eyewash stations and safety showers are close to the workstation location.

8.2.2. Individual protection methods

Wear chemical protective clothing. Approved safety goggles required. Chemical resistant gloves (PVC). Wear appropriate chemical resistant clothing.

Use as appropriate: Personal protective equipment for the body should be selected based on the task being performed and the risk involved should be approved by a specialist before handling this product. If necessary or if ventilation is inadequate wear self-contained breathing apparatus. Wear appropriate thermal protective clothing when necessary.

8.2.3. Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Section 9 Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Amber
Odour:	Characteristic
Odour threshold:	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flammability:	No data available
Explosive limits:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flash point:	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH:	Not applicable
Viscosity, kinematic:	Not applicable
Solubility:	Slightly soluble in water
Partition coefficient n-octanol/water: (Log K _{ow}):	No data available
Vapour pressure:	Not applicable
Vapour pressure at 50°C	Not applicable
Density:	No data available
Relative vapour density at 20°C	No data available
Particle characteristics	Does not contain nanomaterials

9.2. Other information**9.2.1. Information with regard to physical hazard classes**

No additional information available.

9.2.2. Other safety characteristics

No additional information available.

Section 10 Stability and reactivity**10.1. Reactivity**

No relevant information available.

10.2. Chemical stability

Stable under normal transport and storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

In the event of a fire: See Section 5.

Section 11 Toxicological information**11.1. Information on toxicological effects**

Causes burns.

Acute toxicity:

Route	Test	Species	Result
Oral	LD50	Rat	350 mg/kg
Oral	LD50	Mouse	329 mg/kg

Repeated dose toxicity: No data available

Carcinogenicity: No data available

Mutagenicity: No data available

Toxicity for reproduction: No data available

Section 12 Ecological information
12.1. Toxicity

Component	Test	Species	Duration	Result
Zinc chloride	EC50	Daphnia	48 hours	2800 mg/L
	LC50	Daphnia	96 hours	0.06791 mg/L
	LC50	Rainbow trout	96 hours	0.066 mg/L

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

12.2. Persistence and biodegradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Result of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Section 13 Disposal considerations
13.1. Waste treatment methods

The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material, runoff and contact with the soil, waterways, drains and sewers. Disposal of this product, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Section 14 Transport information

Hazard Pictogram:



14.1. UN Number

UN 1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S

14.3. Transport hazard class(es)ADR/RID: Class 8
IMDG: Class 8
IATA: Class 8**14.4. Packing group**

Packing Group III.

14.5. Environmental hazards

Environmental Hazards:	Yes
Marine Pollutant:	Yes
ADR/RID	
Hazard ID:	80
Tunnel Category:	(E)
IMDG	
EmS Code:	F-A-S-B
IATA	
Packaging Instruction (cargo):	856
Maximum Quantity:	60 litres
Packaging Instruction (passenger):	852
Maximum Quantity:	5 litres

14.6. Special precautions for user

None identified.

14.7. Maritime transport in bulk according to IMO instruments

No data available

Section 15 Regulatory information

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended.

The Workplace exposure Limit given in section 8 has been taken from the UK HSE document: EH40/2005 Workplace Exposure Limits as amended.

Relevant regulations:

Regulation (EC) 1272/2008 (EU 'CLP' regulation)
Regulation (EC) 790/2009 First Adaptation to Technical Progress (ATP) for CLP regulation

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

This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006.

15.2. Chemical safety assessment

A chemical safety assessment has not been undertaken.

Section 16 Other information**Risk Phrases / Hazard Statements:**

H302 Harmful if swallowed.

H314 Causes severe burns and eye damage.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

This SDS (version 5.0) is the 5th version of this SDS for this product.

This information is believed to be accurate and represents the best information available to the company at this time. This information is provided as a guide to the hazards and respective safety precautions relevant to this product. This SDS does not represent any guarantee of performance or specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.