

Issue date: 29/11/2024

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**1.4. Emergency telephone number****Emergency telephone number**

+44 (0)1978 66 2216

Poison Centre Information

Country	Organisation	Address	Contact No.
United Kingdom	National Poisons Information Service (Birmingham)	National Poisons Information Service, City Hospital, Dudley Road, B18 7QH, England	0344 892 0111*
Republic of Ireland	Poisons Information Centre of Ireland	National Poisons Information Centre, Beaumont Hospital, Beaumont Road, Dublin 9, Ireland	01 809 2166 01 837 9964*
France	French National Products and Composition Database (B.N.P.C.); French Poison and Toxicovigilance Centre Network	Centre Antipoison de Nancy, CHRU de Nancy, Hôpital Central, 29 av. de Lattre de Tassigny, 54000 NANCY, France	+33 3 83 85 21 92
Germany	BfR Bundesinstitut für Risikobewertung	Max-Dohrn-Str. 8-10, 10589 Berlin	+49 30 18412 0
Italy	Istituto Superiore di Sanità (ISS)	Viale Regina Elena 299, Rome, Italy	
Spain	Instituto Nacional de Toxicología y Ciencias Forenses (INTCF)	Calle José Echegaray 4, 28032 Las Rozas de Madrid, Madrid, Spain	+34 917689800

* For use by healthcare professionals only.

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/irritation	Hazard category 1B	H314
STOT - Single exposure (C ≥ 5%)	Hazard category 3	H335
Aquatic Acute	Hazard category 1	H400
Aquatic Chronic	Hazard category 1	H410

For full text of hazard 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 skin burns and eye damage (H314)
May cause respiratory irritation. (H335)
Very toxic to aquatic life (H400)

Precautionary Statement (Prevention):

Very toxic to aquatic life with long lasting effects (H410)
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)

Precautionary Statement (Response):

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell (P301 + P312)
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting (P301 + P330 + P331)
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303 + P361 + P353)
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304 + P340)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing (P305 + P351 + P338)
Wash contaminated clothing before reuse (P363)

Precautionary Statement (Storage):

Collect spillage (P391)
Store in a well-ventilated space. Keep container tightly closed. (P403+P233)
Store locked up (P405)

Precautionary Statement (Disposal):

Dispose of contents/container according to local regulations (P501)

2.3. Other hazards

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB. The mixture does not contain substances identified as having endocrine disrupting properties.

Section 3 Composition / information on ingredients

This product is a mixture.

Chemical Name	CAS Number	EC Number	REACH Registration Number	Hazard Class/ Category /Statement	Concentration (w/w%)
Petrolatum	8009-03-8	232-373-2	01-2119490412-42-XXXX		70 - 80
Zinc chloride (Zinc chloride, fume)	7646-85-7	231-592-0	01-211947231-44-XXXX	Acute Tox 4; H302 Skin Corr 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 STOT SE 3; H335: C $\geq$ 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,

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

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

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

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.

Section 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non emergency personnel**

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

6.1.2. For emergency responders

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

Eye protection:	Approved safety goggles required.
Skin protection:	Chemical resistant gloves (PVC). Wear appropriate chemical resistant clothing. 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.
Respiratory protection:	If necessary or if ventilation is inadequate wear self-contained breathing apparatus.
Thermal hazards:	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
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 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

Burning produces irritating toxic and obnoxious fumes.

Section 11 Toxicological information

11.1. Information on toxicological effects

Acute Toxicity:

Harmful if swallowed

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

Skin corrosion/irritation:

Causes severe skin burns

Serious eye damage/irritation:

Causes severe eye damage

Sensitisation data:

Data not available

Germ cell mutagenicity

Data not available

Carcinogenicity

Data not available

Reproductive toxicity

Data not available

STOT-single exposure

May cause respiratory irritation

STOT-repeated exposure

Data not available

Aspiration hazard

Data not available

11.2. Information on other hazards

The mixture does not contain substances identified as having endocrine disrupting properties.

Section 12 Ecological information

12.1. Toxicity

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

Test	Species	Duration	Result
EC50	Daphnia	48 hrs	2800 mg/L
LC50	Daphnia	96 hrs	0.06791 mg/L
LC50	Rainbow trout	96 hrs	0.066 mg/L

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

The mixture does not contain substances identified as having endocrine disrupting properties.

12.7. Other adverse effects

No data available

Section 13 Disposal considerations**13.1. Waste treatment methods**

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.

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.

Section 14 Transport information**14.1. UN number or ID number**

UN 1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S

14.3. Transport hazard class

ADR/RID:	Class 8
IMDG:	Class 8
IATA:	Class 8

Hazard pictogram:

**14.4. Packing group**

Packing Group III.

14.5. Environmental hazards

Environmental Hazards:	Yes
Marine Pollutant:	Yes

14.6. Special precautions for user**ADR/RID**

Hazard ID:	80
Tunnel Category:	(E)

IMDG

EmS Code:	F-A-S-B
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IATA

Packaging Instruction (cargo):	856
Maximum Quantity:	60 litres
Packaging Instruction (passenger):	852
Maximum Quantity:	5 litres

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.

Labelling elements as classified under Regulation (EC) 1272/2008.

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

Additional relevant regulations:

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

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

None applicable.

15.2. Chemical safety assessment

A chemical safety assessment has not been undertaken for this mixture.

Section 16 Other information**Full text of H-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 6.0) is the 6th 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.