

CEPRO PVC WELDING SHEETS

Description

All Cepro welding sheets comply with **ISO EN 25980**, the European standard. Cepro welding sheets also have a standard width 570 mm. Welding sheets can be delivered on full rolls, or packed per 4 pieces available in several heights. The pre-packed sheets are supplied rolled in a sheet of paper and packed in a cardboard box, steel suspension rings are included.

Application

We recommend using welding sheet for large or frequent medium mechanical loads. Welding sheets are designed for use in workplaces where bystanders must be protected against the hazardous radiation emitted during welding work. They provide protection against dangerous Blue Light and Ultra Violet (UV) rays. In case of prolonged exposure these rays can cause actinic conjunctivitis and even cataracts.

Welding sheets also protect the welder against the reflection of the welding light. Cepro produces welding sheet in four colours, all complying with the European standard **ISO EN 25980**.

Cepro products offer protection. They prevent actinic conjunctivitis, cataract, burnt skin, create a safe environment for bystanders and considerably reduce medical costs.

Conditions for use

Cepro welding sheets are self-extinguishing and therefore withstand welding sparks. They are, however, not suitable as a welding blanket and do not withstand open fire and intense heat. Welding sheets offer visual protection against dangerous radiation but are not suitable for supervising welding works or as a substitute for

Characteristics

Cepro welding sheets are made of PVC.

Dimensions

The following standard dimensions are available:

- 570 x 1 x 1.600 mm, for width of 2.000 mm
- 570 x 1 x 1.800 mm, for width of 2.000 mm
- 570 x 1 x 2.000 mm, for width of 2.000 mm
- 570 x 1 x 2.200 mm, for width of 2.000 mm
- 570 x 1 mm welding sheet, roll length 50 meter



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CEPRO ORANGE TRANSPARENT DIN CERTIFICATE

 <p>TÜVRheinland[®] DIN CERTCO Genau. Richtig.</p>	<h1>CERTIFICATE</h1>
Certificate holder	Cepro International BV Provinciënbaan 16 5121 DL RIJEN NETHERLANDS
Registration No.	D2966CEPRO/R6
Product	Transparent welding curtains, screens and strip
Type, Model	Cepro Orange Transparent, Sheet 1.0 mm
Testing basis	DIN EN ISO 25980:2023-08 Certification Scheme Eye Protection: Category I-Products acc. to PPE-Regulation and Non-PPE Products (2024-10)
Mark of conformity	
Marking of the product	Detailed marking see annex
Valid until	2029-03-25
Right of use	This eye protection equipment meets the requirements of the eye protection certification scheme and the relevant standards. Any previous versions of this certificate hereby cease to be valid. Please see the annex for further information.
	2025-08-07  Dipl.-Biol. Katharina Vehring, M. Eng. Certification Body
	 
DIN CERTCO Gesellschaft für Konformitätsbewertung mbH · Alboinstraße 56 · 12103 Berlin · www.dincertco.de	

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CEPRO DARK GREEN NON-TRANSPARENT DIN CERTIFICATE

	TÜVRheinland [®] DIN CERTCO Genau. Richtig.
<h1>CERTIFICATE</h1>	
Certificate holder	Cepro International BV Provinciënbaan 16 5121 DL RIJEN NETHERLANDS
Registration No.	D3596CEPRO/R5
Product	Transparant welding curtains, screens and strips
Type, Model	Cepro Dark Green non-transparent, Sheet 1,0 mm
Testing basis	DIN EN ISO 25980:2023-08 Certification Scheme Eye Protection: Category I-Products acc. to PPE-Regulation and Non-PPE Products (2024-10)
Mark of conformity	
Marking of the product	Detailed marking see annex
Valid until	2030-06-09
Right of use	This eye protection equipment meets the requirements of the eye protection certification scheme and the relevant standards. Any previous versions of this certificate hereby cease to be valid. Please see the annex for further information.
	<p>2025-06-10 Dr. Ina Förster Certification Body</p>  
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CEPRO GREEN TRANSPARENT DIN CERTIFICATE

 <p>TÜVRheinland[®] DIN CERTCO Genau. Richtig.</p>	<h1>CERTIFICATE</h1>
Certificate holder	Cepro International BV Provinciënbaan 16 5121 DL RIJEN NETHERLANDS
Registration No.	D2964CEPRO/R5
Product	Transparent welding curtains, screens and strips
Type, Model	CEPRO-Green-6, Sheet, 1,00 mm
Testing basis	DIN EN ISO 25980:2015-01 Certification Scheme Eye Protection: Category I-Products acc. to PPE-Directive/ Regulation and Non-PPE Products (2017-03)
Mark of conformity	
Marking of the product	Detailed marking see annex
Valid until	2029-03-25
Right of use	This eye protection equipment meets the requirements of the eye protection certification scheme and the relevant standards. Any previous versions of this certificate hereby cease to be valid. Please see the annex for further information.
	2024-11-18  Dipl.-Phys. Carlo Seiser Head of Certification Body  
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CEPRO BRONZE TRANSPARENT DIN CERTIFICATE

 <p>TÜVRheinland[®] DIN CERTCO Genau. Richtig.</p>	<h1>CERTIFICATE</h1>
Certificate holder	Cepro International BV Provinciënbaan 16 5121 DL RIJEN NETHERLANDS
Registration No.	D3498CEPRO/R4
Product	Transparent welding curtains, screens and strips
Type, Model	CEPRO-Bronze-CE, Sheet, 1,00 mm
Testing basis	DIN EN ISO 25980:2015-01 Certification Scheme Eye Protection: Category I-Products acc. to PPE-Directive/ Regulation and Non-PPE Products (2017-03)
Mark of conformity	
Marking of the product	Detailed marking see annex
Valid until	2029-03-25
Right of use	This eye protection equipment meets the requirements of the eye protection certification scheme and the relevant standards. Any previous versions of this certificate hereby cease to be valid. Please see the annex for further information.
	<p>2024-11-18  Dipl.-Phys. Carlo Seiser Head of Certification Body</p>  
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CEPRO PVC WELDING SHEETS

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product description	Cepro transparent flexible welding sheets / strips		
Manufacturer / Supplier	Cepro International BV	Date of issue	January 2015
	P.O. Box 183 5120 AD Rijen The Netherlands		
	Tel. no. for information / emergency	+31 (0)161 22 64 72	
	Fax no. for information / emergency	+31 (0)161 22 49 73	

Chemical name and synonyms Plasticized Polyvinyl Chloride film

Chemical family PVC resin, plasticizer, stabilizer, pigment

2. HAZARDOUS IDENTIFICATION

Whilst this preparation contains hazardous ingredients harmful effects are unlikely in conditions of normal use. This mixture does not require a label in the form supplied.

Incorrect processing may lead to thermal decomposition which will evolve toxic and corrosive vapours.

This PVC preparation has been classified under EU Directive 1999/45/EC

Classification: Toxic to reproduction, Category 2; Mutagenic Category 3
 Symbol: T, Xi
 Risk phrases: R22, R36, R38, R48/25, R43, R53, R60, R61, R68
 Safety phrases: S36/37/39, S53, S61

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Index No	W/W %	Hazard	Symbol	Risk Phrase
Di-methylzinn Mercaptid	Cas No. 57583-35-4 EINECS-No 260-829-0	<=2%	Xi		R20, R21, R22
C14-C17 Chlorparaffin	Cas. No. 085535-85-9 EINECS-No 287-477-0	< 20%	N		R50, R53
Phenol, isopropyliert, Phosphat (3:1)	Cas. No. 68937-41-7 EINECS-No 219-703-0	< 15%	Xn, Carc, Cat 3		R62, R63
Triphenyl phosphat	Cas. No. 115-86-6 EINECS-No 204-112-2	< 2%	N		R50, R53

4. FIRST AID MEASURES

Inhalation Inhalation of Noxious Fumes:
 Remove patient to fresh air, keep warm and at rest. Obtain immediate medical attention. Apply artificial respiration if breathing has ceased or shows signs of failing. Administer oxygen if necessary.

Skin Contact Burns from Contact with Hot Melts:
 Cool the affected parts with clean cold water. Do not attempt to remove solidified plastic from the skin. Obtain immediate medical attention.

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- Eye Contact** Irrigate with eyewash solution or clean water holding the eyelids apart.
- Ingestion** Do not induce vomiting.
Wash out mouth with water and give 200-300 ml (half a pint) of water. Obtain medical attention if ill effects occur.
- Medical Information** Fully inform doctor or hospital of the nature of the product being handled.

5. FIRE FIGHTING MEASURES

- Remove uninvolved people from the vicinity of the fire.
- Extinguishing Media** Dry powder, water mist, foam, carbon dioxide. Check for special circumstances. e.g.
Live electrical equipment that may affect the choice of extinguisher.
- Protective Equipment** In major fire situations, toxic and corrosive vapours will be evolved and self contained breathing apparatus and acid resistant protective clothing should be worn.

6. ACCIDENTAL RELEASE MEASURES

Sweep or vacuum up. Store in a suitable closed container for disposal.

7. HANDLING AND STORAGE

- Handling** Solid granules can present a slipping hazard if spilled.
- Processing** Provide adequate ventilation.
Avoid inhalation of vapours from hot molten material.
- Storage** Store at room temperature in a dry, adequately ventilated area. Keep packaging closed if possible. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- Personal Protection** Observe good industrial hygiene.
Wear suitable industrial protective clothing. Appropriate eye protection and gloves should be available whenever PVC preparations are being processed.
- Exposure Controls** When processing the material, provide good general ventilation and preferably local extraction near large areas of exposed molten material.

Decomposition Products

- Triphenyl phosphat
- | | |
|---------------|--------------------|
| STEL: UK EH40 | 6mg/m ³ |
| 1997-01-01 | |
| TWA: UK EH40 | 3mg/m ³ |
| 1997-01-01 | |
- OES Hydrogen Chloride - STEL 5ppm; 7mg/m³ (15 mins. TWA).
OES Carbon Monoxide - STEL 300ppm; 330mg/m³ (15 mins. TWA).
- OES = Occupational Exposure Standard.
STEL = Short Term Exposure Limit.
TWA = Time Weighted Average.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Granular solid, strips, sheets & films
Relative Density	>1,22
Odour	Slight characteristic.
Decomposition Temperature	Decomposition is dependent on both time and temperature but will occur increasingly rapidly if left standing above 150°C.
Solubility (Water)	Insoluble. See Product Data Sheet for further information on properties and processing

10. STABILITY AND REACTIVITY

General Information If stored and handled in accordance with standard practice this product is unlikely to cause any harmful effects.

Hazardous Decomposition Products

Thermal decomposition will evolve corrosive vapours of Hydrogen Chloride and toxic vapours of Carbon Monoxide. Other organic decomposition products and metal oxides will be evolved but will not normally present an additional hazard.

Reactivity PVC Preparations are relatively inert but contact with strong oxidising agents and concentrated acids above 60°C should be avoided. Avoid contact with acetal resins.

11. TOXICOLOGICAL INFORMATION

No toxic effects are anticipated under normal conditions of storage and use. See Sections 8 & 10 regarding toxic effects of decomposition products.

12. ECOLOGICAL INFORMATION

PVC preparations in fully gelled form are considered to be ecologically benign. They are not readily decomposed by weathering or by micro organisms.

Water Pollution Class in Germany, (Wassergefährdungsklasse), WGK= 0 (Self classification). Generally not water endangering.

13. DISPOSAL CONSIDERATIONS

If possible recycle otherwise disposal should be in accordance with local, state or national legislation. Bury in an authorised landfill site or incinerate under approved controlled conditions.

Waste is categorised as M1 07 02 13 under EU directive 2000/532/EC

14. TRANSPORT CONSIDERATIONS

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

This PVC preparation does not normally present a danger to human health by inhalation, ingestion or contact with the skin in the form in which it is supplied. Such preparations do not require a label under EU Directive 2008/1272/EC.

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16. OTHER INFORMATION

For reference purposes: the Risk and Safety Phrases for ingredients in point 3 are:

Risk Phrases:

R20	Harmful by inhalation..
R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R50/53 aquatic	Very Toxic to aquatic organisms, may cause long term adverse effects in the environment.
R62	Possible risk of impaired fertility.
R63	Possible risks of harm to the unborn child.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

This Safety Data Sheet was prepared in accordance with EU Directive 2006/1907/EC.

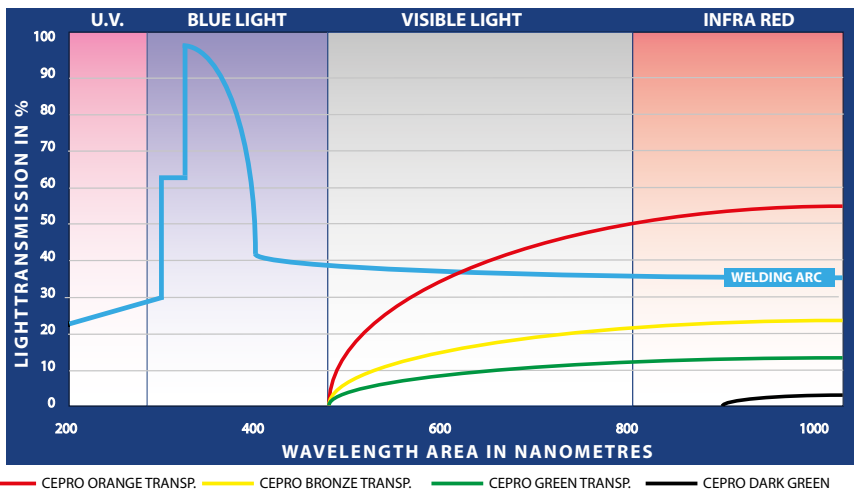
The information contained in this Safety Data Sheet has been prepared in good faith by the Company and represents the Company's actual knowledge of the Product at the date of issue. The purpose of this information is solely to enable the User to take the necessary measures for the protection of health and safety at work. No warranty or guarantee is given or may be implied as to the properties, specifications or quality of the Product, or its use or application. (The User must satisfy itself as to the suitability or completeness of the information for its own use). It is the User's responsibility to observe national or local laws or regulations as to industrial safety; in no case can the Company accept any responsibility for the User's failure to observe such laws or regulations. Freedom from patent rights must not be assumed.

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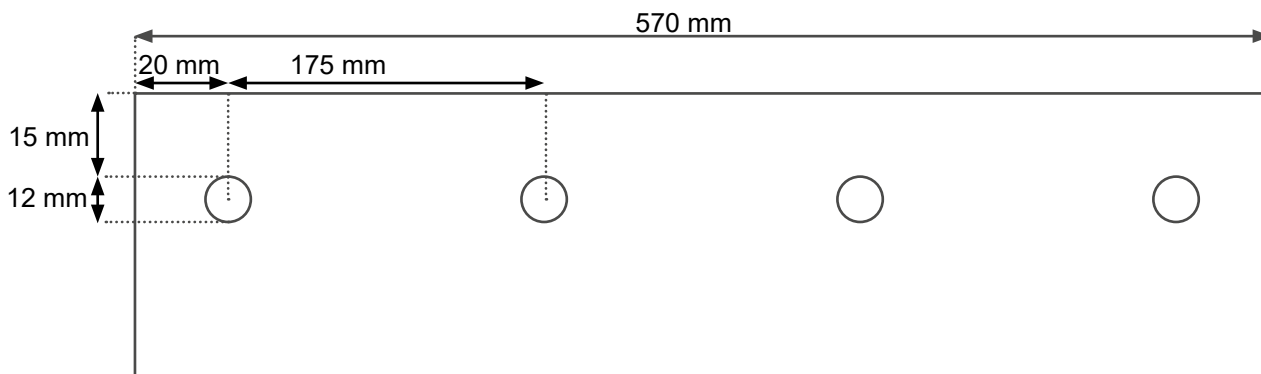
TECHNICAL SPECIFICATIONS

Properties	Unit	Value	Test Method
Density	g/cm	~ 1,22	DIN 53479 ISO 1183
Shore hardness A / 15 sec.		78	DIN 53505 ISO 868
Brittle point	°C	ca. - 35 °C	DIN 53372
Tensile strength	MPa	20	DIN 53455 ISO 527
Tensile stress	%	355	DIN 53455 ISO 527
Flame rating and Fire behavior		accord. DIN 1598 class B2 self-extinguishing	DIN 4102 DIN 53 382 DIN EN 1598
Protection against airborne noise	dB	~ 30	DIN 52 210

GRAPHIC WELDING ARC



CEPRO STANDARD HOLE PATTERN FOR SHEETS



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