

PVC WELDING CURTAIN

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product description	LASCENTRUM transparent welding curtains		
Manufacturer / Supplier	LASCENTRUM	Date of issue	December 2011
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Chemical name and synonyms Plasticized Polyvinyl Chloride film

Chemical family PVC resin, plasticizer, stabilizer, pigment

2. HAZARDOUS INGREDIENTS

Paints preservatives & solvents			Alloys and metallic coatings		
	%	TLV (units)		%	TLV (units)
Pigments	Trace		Base metal	0	
Catalyst	0		Alloys	0	
Vehicle	0		Metallic coatings	0	
Solvents	0		Filler metal plus coating or coreflux	0	
Additives			Others	0	
Ba-Zn stabilizer	1-3				
Others	0				
Hazardous mixtures of other liquids, solids, or gases			% TLV (units)		
n/a					

3. PHYSICAL DATA

Boiling point	n/a	Specific gravity (H ₂ O=1)	1.20-1.33
Vapor pressure (mm hg)	n/a	Percent, volatile by volume (%)	7% max.
Vapor density (air=1)	n/a	Evaporation rate	n/a/
Solubility in water	slight	Decomposition temp.	260 °C
Appearance and odour	transparent sheet		

4. FIRE AND EXPLOSION HAZARD DATA

Flash point (method used)	320 °C - 390 °C (ASSTM D-1929)
Flammable limits	n/a
Extinguishing media	water, dry chemical foam, CO₂
Special fire fighting procedures	wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire and explosion hazards	Any vinyl can be forced to burn by continuous application of intense heat

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5. HEALTH HAZARD DATA

Threshold limit value	not established
Effects of overexposure	not established
Emergency and first aid procedures	If irritation from processing vapors or decomposition products, remove individual from area

6. REACTIVITY DATA

Stability	unstable		conditions to avoid
	stable	X	
Incompatibility (materials to avoid)			
Hazardous decomposition products			
Hazardous polymerization	may occur		conditions to avoid
	will not occur	X	

7. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	n/a
Waste disposal method	Use approved disposal methods as recommended by state and local agencies

8. SPECIAL PROTECTION INFORMATION

Respiratory protection (specific type)	none should be needed	
Ventilation	Local exhaust none should be needed	Special none known
Protective gloves	When material is heated	
Eye protection	recommended for all industrial workplaces	
Other protective equipment	none should be needed	

9. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing

The product should be stored in cool, dry, well-ventilated area, away from flammable materials or sources of heat and flame

Other precautions

Always wear rubber gloves when cleaning exhaust equipment or other surfaces

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COMPOSITION

- PVC resin 64,10 %
- Plasticizer 32,05 %
- Other additive 3,85 %

Remarks *The percentage of monomer polyvinyl chloride is under 0.1 ppm (part per million), and Cd (Cadmium) under 100 ppm in the percentage less than 0.0000001 % (while the order with low-toxic formula) which is within the limit specified by the European Union regulation authority.*

TECHNICAL SPECIFICATIONS

Weight	± 530 gr/m ²	
Standard width	1.400 mm	
Temperature resistance	5°C	EN ISO 25980 (EN-1598)
	80°C	
Fire resistance	according to B1/M1	EN ISO 25980 (EN-1598)
UV- resistant	UV Stabil	DIN 53387
Light transmission	Approved	EN ISO 25980 (EN-1598)

GRAPHIC WELDING ARC

