



Technical Product Information

Q 1015
REV 00 / 2009

PRODUCT	EUROTHERM HPX 6																	
DESCRIPTION	Durable thermoplastic marking compound for heavy traffic impact in urban areas or on highways; designed for the requirements of European climate markets.																	
ADVANTAGES	excellent day-time visibility, extraordinary night-time visibility; fast drying time ; ready to be overrun after a short cooling-off period.																	
USE	on all bituminous pavement surfaces. Concrete or cement-bound surfaces require the application of a primer/sealer prior to striping. Attention: on all new bituminous-, concrete- and cement bound surfaces we can't give any liable for guaranty (stick test).																	
PROCESSING	Preformed lines & symbols (arrows, numbers, pictograms, coloured road signs etc) are placed onto the road surface and melted with a hand gas burner. The pavement surface must be clean, dry and dust-free and have a minimum temperature of +5°C.																	
TECHNICAL DATA	<table><tr><td>Layer thickness</td><td>ca. 2,8 mm</td></tr><tr><td>Specific weight</td><td>1,9 - 2,0 kg/l</td></tr><tr><td>Softening point</td><td>ca. 95°C (acc. to Wilhelmi ring-and-ball method)</td></tr><tr><td>Processing temp.</td><td>from 200°C to max. 220°C</td></tr><tr><td>Flash point</td><td>> 240°C</td></tr><tr><td>Open to traffic</td><td>a few minutes after application (cooling-off period)</td></tr><tr><td>Drop-on agent</td><td>reflective glass beads, to be dropped on the still hot, freshly applied line.</td></tr><tr><td>Storage stability</td><td>approx. 2 years (when protected against UV rays)</td></tr></table>		Layer thickness	ca. 2,8 mm	Specific weight	1,9 - 2,0 kg/l	Softening point	ca. 95°C (acc. to Wilhelmi ring-and-ball method)	Processing temp.	from 200°C to max. 220°C	Flash point	> 240°C	Open to traffic	a few minutes after application (cooling-off period)	Drop-on agent	reflective glass beads, to be dropped on the still hot, freshly applied line.	Storage stability	approx. 2 years (when protected against UV rays)
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Storage stability	approx. 2 years (when protected against UV rays)																	
PACKAGING	in carton boxes																	
IDENTIFICATION acc. to GGVS and VBF	not applicable																	
PRODUCTION AND SALES	Swarco Vestglas GmbH Rumplerstraße 16 D-45659 Recklinghausen Tel.: +49 (0)5032-913273 Fax: +49 (0)5032-913274	E-mail: office.vestglas@swarco.com www.swarco.com/eurotherm																

This information corresponds to our best knowledge and experience. We present it, however, without giving any warranty, also with regard to possible protective rights of third parties. Data subject to modification due to technical advances.

SAFETY DATA SHEET

HEALTH-, ENVIRONMENTAL- AND SAFETY DATA SHEET

1. TRADE NAME

Trade name	EUROTHERM HPX 6 PRE-FORM MATERIAL	
Type of product	Thermoplastic road marking material especially designed for solid figure road and traffic marking based on Hydrocarbon resin	
Use and application	Apply the road material in melted condition	
Form/consistency	Pre - Form	
Colour/odour	colored	

2. CHEMICAL DESCRIPTION

No	CAS no	Chemical name	Weight-%	TLV	Hazard classific.
1	64742-16-1	Binder	12 – 20	1 mg/m ³ (oilmist)	IK
	25038-32-8	“			IK
2	64742-54-7	Refined mineral-base oil	2 – 6		IK
3	16389-88-1	Fillers	30 – 50		IK
	61078-95-7	“			IK
4		Glass beads	20 – 40		IK
5		Pigment	0		IK
6	13463-67-7	Titaniumdioxide	1 – 5		IK
Symbols		Tx=Very toxic, T=Toxic, C=Caustics, Xn=Harmful, Xi=Irritation, IK=No classification, E=Explosive, O=Oxidation, Fx=Highly inflammable, F=Very inflammable, Fo=Inflamable, N=Environmental damaging, M=Hereditary damaging A=“Allergi evoking”, K=“Cancer evoking”, R=“Damaging only when reproduced”			

3. HEALTH HAZARD

General	When handling the material in melted condition, hazardous situations may occur and cause burning damage.
Inhaling/ingestion	The product in solid form represent no hazard to health. Oil mist above standard norm may occur if exposed to melted material.
Skin	Burning damage can occur when spilt on skin.
Eyes	Burning damage on eyes can occur if gush of melted material hits eyes.

4. FIRST AID

General	Keep patient warm and in fresh air.
Inhaling/ingestion	Seek medical advice if swallowing. If exposed of oil mist keep patient in fresh air and seek medical advice.
Skin	Seek medical care if serious burning damage. When small burning damage occur, flush skin with plenty of water before bandaging.
Eyes	Flush with plenty of water. Contact medical assistance.

5. FIRE AND EXPLOSION HAZARD

General	Risk of fire when the temperature of material exceeds flame point.
Hazard class	
Expl. limits (vol-%)	
Ignition temp. (°C)	>230 °C
Flame point (°C)	>230 °C
Fire fighting measures	Fight the fire using powder

6. ACCIDENTAL RELEASE MEASURES

General	Accidental release to be treated as industrial waste.
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SAFETY DATA SHEET

HEALTH-, ENVIRONMENTAL- AND SAFETY DATA SHEET

7. HANDLING AND STORAGE

Safety by storage	Keep packaging closed. Avoid humidity in product.
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8. PROTECTIVE EQUIPMENT

Safety by use, personal protection equipment etc.	The product must be treated in such a way that hazardous situations do not appear. Use protective gloves and clothes that are not easily ignited (e.g. cotton), and protective goggles.
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9. PHYSICAL DATA:

Boiling point (°C)	
Saturation cons. (%)	
Melting point(°C)	90 – 120
Vapour density (air = 1)	
Density (g/cm ³)	1,9 – 2,1
pH cons.:	
Vapour pressure (mm Hg)	
Solubility	Soluble in aromatic hydrocarbons. Insoluble in water.

10. REACTIVITY AND SPECIAL PRECAUTIONS

General	Keep patient warm and in fresh air.
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11. TOXICOLOGICAL INFORMATION

LD50	Testing not conducted.
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12. ECOLOGICAL INFORMATION

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13. DISPOSAL INFORMATION

General	Disposal must be in accordance with federal or local regulations. Disposed material is to be treated as industrial waste.
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14. TRANSPORT

General	Not classified as dangerous goods.
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15. REGULATORY INFORMATION

NO MARKING REQUIRED

(HEALTH CLASSIFICATION)

16. OTHER INFORMATION

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