



Safety data sheet

PREMARK® Primer

1. Identification of the substance/preparation and of the company/undertaking

Prepared on: 29-09-2008/ GPS
Replaces: 26-10-2007

Product use: Clear primer based on acrylic.

Distributor:

LKF Vejmarkering A/S
Longelsevej 34
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2. Hazards identification

Highly flammable. Harmful by inhalation. Irritating to eyes and skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Additional information

Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

3. Composition/information on ingredients

Einecs no.	Substances	Classification	w/w%	
205-500-4	Ethyl acetate	F;R11 Xi;R36 R66 R67	30-60	
205-563-8	Heptane [and isomers]	F;R11 Xn;R65 Xi;R38 R67	10-30	4
--	Acrylic resin	N;R50/53	10-30	
		Xn;R20		

4) R65 is not applicable due to the high viscosity of the product.
Please see section 16 for the full text of the R-phrases

4. First aid measures

Inhalation

Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

Skin

Immediately remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

Eyes

Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

Burns

Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

Other information

When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.

5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air.

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6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Smoking and naked flames prohibited. Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers. See section 13 for instructions on disposal. Prevent spillage from entering drains and/or surface water.

7. Handling and storage

Handling

See section 8 for information about precautions for use and personal protective equipment. Smoking and naked flames prohibited.

Storage

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a dry, cool, well-ventilated area.

8. Exposure controls/ personal protection

Precautions for use

Use the product under well-ventilated conditions. Running water and eye wash equipment must be available. Smoking and naked flames prohibited. Wash hands before breaks, before using restroom facilities, and at the end of work.

Respiratory protection

In case of insufficient ventilation, wear respiratory protective equipment. Use air-supplying respiratory protective equipment as the product contains liquids with a low boiling point which are poorly adsorbed on charcoal filters.

Gloves and protective clothing

Wear protective gloves of type 4H. Disposable gloves made of nitrile rubber may be used if replaced immediately when contaminated.

Eye protection

Wear safety goggles/face protection.

Occupational exposure limits

Ingredients	Exposure limit	Remarks
Ethyl acetate	200 (8h), 400 (15m) ppm - (8h), - (15m) mg/m ³	-
Heptane	500 (8h), - (15m) ppm - (8h), - (15m) mg/m ³	-

Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. Physical and chemical properties

State: Viscous Liquid	Solubility in water: <3 g/100 ml
Odour: Characteristic	Flash point: 0°C
Colour: Yellowish	VOC (Volatile organic compounds): 650 g/l
Density: 0,88 g/ml	
Boiling point: 75°C	

10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions. Avoid heating and contact with ignition sources. Reacts with strong oxidizing agents.

11. Toxicological information

Acute

Inhalation

Harmful by inhalation. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

Ingestion

Ingestion may cause discomfort.

Skin contact

Irritating to skin – may cause reddening. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

Eye contact

Irritating to eyes. Causes a burning sensation and tearing.

Long-term effects

May cause damage to the central nervous system

Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

12. Ecological information

Avoid discharge to drain or surface water.

Ecotoxicity

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC code: Depends on line of business and use, for instance 08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

Absorbent/cloth contaminated with the product:

EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

14. Transport information

The product must be transported in accordance with national and/or international rules for transport of dangerous goods by road and sea according to ADR and IMDG.

ADR: UN 1263 ; PAINT RELATED MATERIAL ; 3 ; III

IMDG: UN 1263 ; PAINT RELATED MATERIAL ; 3 ; III

Classification code: F1 Label ADR: 3 Hazard identification number: 30

Flash point: 0°C Label IMDG: 3 IMDG EmS.: F-E, S-E

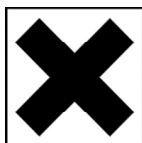
Transport according to ADR 1.1.3.6:Factor: 1. Maximum total quantity per transport unit: 1 000 l/kg.

Limited quantities

ADR: Maximum quantity: 5 L per inner packaging and 30 kg per package for combination packaging. When using shrink or stretch wrapping, the limit is 5 L per inner packaging and 20 kg per package (inner packagings must be made of metal or plastic which does not break or perforate easily).

IMDG:Maximum quantity: 5 L per inner packaging and 30 kg per package for combination packaging. When using shrink or stretch wrapping, the limit is 20 kg gross per package (inner packagings must be made of metal or plastic which does not break or perforate easily).

15. Regulatory information



Harmful



Highly flammable



Dangerous for the environment

Hazard designation: Harmful; Highly flammable; Dangerous for the environment

Hazard symbols: Xn;F;N

Contains

Acrylic resin

R-phrases

Highly flammable. (R11)

Harmful by inhalation. (R20)

Irritating to eyes and skin. (R36/38)

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R50/53)

S-phrases

Keep away from sources of ignition - No smoking. (S16)

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (S26)

Avoid release to the environment. Refer to special instructions/safety data sheet. (S61)

Other labelling

None.

Chemical safety assessment

Chemical safety assessment has not been performed.

16. Other information

Restrictions on use

None.

Training requirement

No special training is required, but a thorough knowledge of this safety data sheet should be a prerequisite condition.

Sources used

ADR 2007 edition and IMDG 2006 edition.

SI 2002/1689 The chemicals (Hazard Information and Packaging for Supply) Regulations 2002, last amended by regulation 1907/2006/EC.

Approved Supply List (seventh edition): Information approved for the classification and labelling of substances and preparations dangerous for supply. Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, 29. ATP.

SI 2005/895 The List of Wastes (England) Regulations 2005

Anvend: CX 16.44

EH40/2005 Workplace exposure limits incl. supplement from October 2007.

Other information

This safety data sheet was prepared from information provided by the supplier about physical/chemical properties and all ingredients in the product.

Full text of the R-phrases that are stated in section 3.

R11 Highly flammable.

R20 Harmful by inhalation.

R36 Irritating to eyes.

R38 Irritating to skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: May cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Amendments have been made in the following sections

1,2,3,8,9,11,12,13,15,16.