

MATERIAL SAFETY DATA SHEET

MSDS

Last changed: 09/08/2000

Internal num.: 01

Replaces date:03/02/2000

WASHPRIMER - COMP. A

1. PRODUCT AND COMPANY

TRADE NAME : WASHPRIMER - COMP. A
APPLICATION : Two-pack, vinyl based primer containing phosphoric acid.
ART-No : PM3268

PRODUCER/IMPORTER :

Company : JOTUN-HENRY CLARK LTD.
Address : Flixborough, Scunthorpe
Zip & city : North Lincolnshire DN15 8RR
Country : UK
Telephone : +44 1724 40 00 00
Fax : +44 1724 40 01 00
Emergencyphones : Contact the National Poison Center
Contactperson : QA/Environm. dept., JOTUN A/S, NORWAY
Responsible : QA/Environm. dept., JOTUN A/S, NORWAY

2. COMPOSITION OF PRODUCT

No	Ingredients name	CAS-NO	Weight%		Dangerclas./Cmnt.
1	ETHANOL	64-17-5	50-100	N	F,11
2	N-BUTANOL	71-36-3	1-2,5	N	Xn,10-20
3	ZINC CHROMATE	-	2,5-10		TN;Carc1,45-22-43-50/53

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, IK=No classification required, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Very flammable, Fo=Flammable, N=Dang. to the environment,

INGREDIENT COMMENTS

Substances presenting a health hazard within the meaning of the current issue of the CHIP Regulations or assigned occupational exposure limits.

3. HAZARD IDENTIFICATION



MAY CAUSE CANCER. HIGHLY FLAMMABLE. MAY CAUSE SENSITIZATION BY SKIN CONTACT.

For potential danger for the environment, see section 12.

4. FIRST AID

INHALATION

Keep the patient warm in a quiet place with fresh air. If breathing has stopped, administer artificial respiration. If unconscious place in the recovery position. Seek medical advice.

SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use an appropriate skin cleaner. Do NOT use solvents or thinners.

EYE CONTACT

Remove any contact lenses. Hold the eyelids apart. Irrigate copiously with clean, fresh water for at least 10 minutes. Seek medical advice if symptoms persist.

INGESTION

DO NOT INDUCE VOMITING. If accidentally swallowed obtain immediate medical attention. Keep at rest. Seek medical advice.

MEDICAL INFORMATION

Risk of chemical pneumonia by aspiration. Keep attention: danger of lung damage. General health examination. Professional evaluation of the work station.

5. FIRE FIGHTING MEASURES

PROPER FIREFIGHTING EQUIPMENT

Recommended: alcohol resistant foam, CO₂, powders, water spray. Not to be used: water jet.

FIRE AND EXPLOSION HAZARDS

Decomposition products may be a hazard to health. Fire will produce dense black smoke containing hazardous products of combustion (see Section 10).

PERSONAL PROTECTION WHEN FIREFIGHTING

The personal protective equipment required is provided in section 8. Professional fire-fighters are required to use an air-fed system when dealing with major fires.

6. ACCIDENTAL RELEASE MEASURES

OTHER INFORMATION

If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environmental Agency. Clean preferably with a detergent; avoid use of solvents. Do not allow to enter drains or watercourses. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite and diatomaceous earth. Place in container for disposal according to local regulations (see section 13). Refer to protective measures listed in sections 7 and 8. Avoid breathing vapours. Exclude sources of ignition and ventilate the area.

7. HANDLING AND STORAGE

HANDLING ADVICE

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should not be used in vicinity of open flames or other sources of ignition. Use explosion-proof electrical equipment. The product may charge electrostatically. Always use earth (ground) wire when transferring from one container to another. Personnel should wear anti-static clothing and footwear. Floors should be electrically conductive. Keep container tightly closed. Exclude sources of heat, sparks and open flame. Use non-sparking tools. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking are forbidden in the work area. For personal protective equipment see Section 8. Always keep in containers made of the same material as the supply container. Never use pressure to empty the container, it is not a pressure vessel. Electrical equipment should be protected to appropriate standards. The Manual Handling Operations Regulations may apply to the handling of containers of this product.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OEL s

Ingredients name	CAS-no	OEL value	OEL
ETHANOL	64-17-5	1920,0 mg/m ³	LTEL
N-BUTANOL	71-36-3	154,0 mg/m ³ ;Sk	STEL

EXPOSURE CONTROL

OELs are taken from the current version of EH40 (by Health & Safety Executive, UK). Spray mist contains all substances of the product and must not be inhaled. Respiratory protection are to be used when the concentration of solvents/compounds exceeds the Occupational Exposure Limit Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Provide adequate ventilation.

RESP. PROTECTION

Use respiratory protective mask with charcoal and dust filter (A2/P2) when spraying this product. Respirators with filter for organic substances may be necessary.

EYE PROTECTION

Eye protection designed to protect against liquid splashes should be worn.

HAND PROTECTION

never apply barrier cream to contaminated skin. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. Use butyl rubber/nitril gloves.

SKIN PROTECTION

When spraying use suit covering the whole body. Wear anti-static clothing made of natural fibre or of heat resistant synthetic fibre.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid.		
Colour:	Greenish yellow. Transparent.		
Odour:	Organic solvent.		
Solubility:	Organic solvent.		
Melting point/range:	-	Density:	0,92
Expl. limit LEL-UEL%:	1.4 - 19 -	Boiling point/range:	78 - 118°C
Flash point:	13°C	pH concentrate:	-
Viscosity:	-	Ignition temp.:	287°C

10. STABILITY AND REACTIVITY

STABILITY

Stable under recommended storage and handling conditions (see section 7).

MATERIALS TO AVOID

Keep away from oxidising agents, strongly alkaline and strongly acidic materials to prevent the exothermic reactions.

HAZARDOUS DECOMPOSITION PRODUCTS

In a fire , hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION

GENERAL

The product contains carcinogenic substances. There are no toxicological data available on the product itself.

INHALATION

Inhalation of smoke (from a fire or from welding on zinc coated material) may give symptoms like influenza, zinc-fever. Symptoms and signs include headache; dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous system.

SKIN CONTACT

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to the product's defatting properties. Repeated or prolonged contact with skin may cause sensitisation.

EYE CONTACT

Splashes in the eyes may cause irritation and reversible local damage.

INGESTION

Risk of chemical pneumonia. Accidental ingestion may cause vomiting and abdominal pains.

12. ECOLOGICAL INFORMATION

13. DISPOSAL

Waste must be disposed of at approved landfill/waste storage or treatment facility. Do not allow into drains or water courses. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

WASTEGROUP

08 01 02 Waste paints and varnish free of halogenated solvents. 08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVE, SEALANTS AND PRINTING INKS.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	PAINT		
	ADR (Road)		
UN No	1263	Class	3,5 (b)
Label	3		
	RID (Railway)		
UN No	1263		
Class	3,5 (b)	Label	3
	IMDG (Sea)		
UN No	1263	Class	3.2
Label	3	Packaging Group	II
EmS	3 - 05	MFAG	310
Page	3268		
	IATA (Airplane)		
UN No	1263	Class	3
Label	3	Packaging Group	II

ADR for road, RID for rail, IMDG for sea transport and IATA for airtransport. Transport only in accordance with

15. REGULATORY INFORMATION

Classif.:



COMPOSITION

ZINC CHROMATE (2,5-10)

R-PHRASES

R-43 May cause sensitization by skin contact. R-11 Highly flammable. R45 May cause cancer.

S-PHRASES

Restricted to professional users. Attention - Avoid exposure - obtain special instructions before use. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S38 In case of insufficient ventilation, wear suitable respiratory equipment. S36/37 Wear suitable protective clothing and gloves. S23 Do not breathe vapour/spray. S16-Keep away from sources of ignition - No smoking.

REFERENCES

The product is labelled for supply in accordance with the current issue of CHIP Regulations, and latest version of the approved supply list.

16. OTHER INFORMATION

ISSUED:09/08/2000

INFORMATION SOURCES:

VENDOR NOTES

The information contained in this MSDS is based on the present state of knowledge and current national legislation. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information in this MSDS provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. Further information and relevant advice can be found in: The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839). The Control of Substances Hazardous to Health Regulations 1988 (SI1988:1657). The Highly Flammable Liquids and liquefied Petroleum Gases Regulations 197 (SI 1972:917). The Manual Handling Operations Regulations 1992 (SI 1992:2793). Storage of Flammable Liquids in Containers, HS(G) 51. Storage of Packaged Dangerous Substances, HS(G)71. The selection, use and maintenance of respiratory protective equipment: A practical guide HS(G)53.

USER NOTES

This document was generated by use of 10/1/99 11:24 - MSSQL Server- build:64 (Chemical- ,Health- and Enviromental Safety System)<http://www.terosafe.no>

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