



MATERIAL SAFETY DATA SHEET

Revised 16th October, 2006

RED OXIDE METAL PRIMER

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product/Material: RED OXIDE METAL PRIMER
Supplier: R.K. & J. Jones Limited
Address: Southery Road, Feltwell
 Thetford, Norfolk, IP26 4EH, UK.
Telephone: 01842 828101
Fax: 01842 828171

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard within the meaning of the Chemicals (Hazard Information and Packaging) Regulations 1993.

<u>NAME</u>	<u>CONC.RANGE%</u>	<u>SYMBOL LETTER</u>	<u>R-PHRASES*</u>
White Spirit	25 – 50	None	10

*for full text see section 16

SECTION 3: HAZARDS IDENTIFICATION

Flammable (also refer to Sections 11 and 15)

SECTION 4: FIRST AID MEASURES

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Eyes: Contact lenses should be removed. Irrigate copiously with clear, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. DO NOT use solvents or thinners.

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media: Recommended – Alcohol resistant foam, CO₂, powder, water spray/ Mist. **Not** to be used – water jet.

Recommendations: Fire will produce dense black smoke containing hazardous products of

combustion (see section 10) Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool containers with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in section 7 and 8. Contain and collect spillages with non-combustible materials, eg. Sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see Section 13) **Do not allow** to enter drains or water courses.

Clean preferably with a detergent, avoid the use of solvents. 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 National Rivers Authority.

SECTION 7 : HANDLING AND STORAGE

Handling: Prevent air-borne concentrations higher than the occupational exposure limits. Keep the container tightly closed. Exclude sources of heat, sparks and open flames. Avoid skin and eye contact. Avoid inhalation of vapour (and spray mist) smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection, see section 8. Never use pressure to empty, the container is not a pressure vessel. Always keep in containers made of the same material as the supply container. Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards. The Manual Handling Operations Regulations may apply to the handling of containers of this product.

Storage: Observe the label precautions. Store between 5 and 25 C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

Although the storage of this product is not subject to specific Statutory requirements, the principals contained in the H.S.E. Guidance Note Storage of Flammable Liquids in Containers should be observed.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn. (see Personal Protection below)

EXPOSURE LIMITS

Substance	Occupational Exposure Limits	
	8hr.TWA	10min STEL
White spirit	100ppm (575mg/m)	125ppm (725mg/m)

Notes:

1. Long term exposure limit – 8 hour time weighed average
2. Short term exposure limit – 10 minute reference period.

OELs are taken from the current version of EH40.

PERSONAL PROTECTION	All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.
RESPIRATORY PROTECTION	If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory equipment should be worn.
HAND PROTECTION	When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.
EYE PROTECTION	Eye protection designed to protect against liquid splashes should be worn.
SKIN PROTECTION	Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Reference:	F/158/65
Type:	Modified Alkyd
Typical SG:	1.54 at 20°C
Typical viscosity:	3.5 poise at 25°C
Typical total solids:	76% by weight, 53% by volume
Flash point:	38°C approximately (closed cup)
Recommended thinners:	White spirit or turps.substitute.
VOC:	368 g/litre
Vapour density:	heavier than air
Lower explosion limit:	0.8%
Solubility in water:	insoluble

SECTION 10 : STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions. (see section 7) In a fire, Hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly acidic materials to prevent the possibility of exothermic reaction.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

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 systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage.

SECTION 12 : ECOLOGICAL INFORMATION

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. 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.

(Using the information provided in this safety data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply)

SECTION 14 : TRANSPORT INFORMATION

UK ROAD/RAIL CLASSIFICATION:	FLAMMABLE LIQUID
SI NUMBER	1263
PACKING GROUP	III
IMO CLASS	3.3
PACKING GROUP	III
UN NUMBER	1263
MARINE POLLUTANTS	YES

SECTION 15 : REGULATORY INFORMATION

Flammable. Keep away from sources of ignition. No smoking.

The information contained in the safety data sheet does not constitute the user's own assessments of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

Text of R-Phrases listed in section 2: RIO-FLAMMABLE

This safety data sheet is provided in accordance with the provisions of Section 6 of the Health and Safety at work, etc ACT 1974, as amended by the Consumer Protection Act 1987.

The product should not be used for purposes other than shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It 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 Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657)

The Manual Handling Operations Regulations 1992 (SI 1992:2793)

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839)

References should be made to the Health & Safety at Work Act

Disclaimer:

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

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APPROVED R JONES