

# Acron Paints

H&S

Polybond Ltd. Unit 6, William Street, Northam, Southampton, SO14 5QH  
Tel: 02380 988350 Fax: 02380 988355

## AP1 Red Oxide Primer - Health and Safety Datasheet - Page 1

- 1. Identification of Substance** AP1 Red Oxide Primer.  
**Intended Use** For application onto virgin steel and iron.

### 2. Composition/Information on Ingredients

This product comprises of Synthetic alkyd resins, which are thinned with aromatic and aliphatic solvents. The mix is blended with organic and in-organic pigments, zinc phosphate and extenders. Some colours may contain lead based pigments.

### 3. Hazards Identification

Under the 'Classification, Packaging and Labelling of Dangerous Substances Regulations 1984', this product is classed as "HARMFUL". The Health and Safety Commission has established occupational exposure limits (OEL), which are shown below and must always be adhered to:

Substance	% Weight in Product	OEL - 8 Hours <sup>1</sup>	OEL - 10 Minutes <sup>2</sup>	Label
Xylene	Above 25%	100ppm (R)	150ppm	Harmful/Flammable

<sup>1</sup> Long term Exposure Limit - 8 hour time weighted

<sup>2</sup> Short term Exposure Limit - 10 minutes weighted

(R) Recommended Limit, On no account should these limits be exceeded.

### 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 victim immediately from source of exposure. Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Seek prompt medical attention.
- Ingestion** Do not induce vomiting. Never make an unconscious person vomit or drink fluids. Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Seek medical attention immediately.
- Skin** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Seek medical attention promptly if symptoms occur after washing.
- Eyes** Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Contact physician if irritation persists. Get medical attention promptly if symptoms occur after washing.

### 5. Fire Fighting Measures

As noted under 'Storage', this product should be stored and used in well-ventilated areas. Additional means should be used if the natural ventilation is insufficient. Exclusion of all naked lights, unprotected electrical equipment and other sources of ignition from the vicinity in which the product will be used, is essential and should be maintained while product is drying. Spontaneous combustion may occur where contaminated rags etc. are permitted to accumulate. Regular removal of waste materials will minimise this risk. If the product ignites, the ensuing fire will produce dense black smoke containing harmful products of combustion. Foam or dry powder extinguishers should be used. Any containers exposed to fire should be kept cool using water spray to avoid their combustion.

### 6. Accidental Release Measures

Accidental Release Measures - Exclude sources of ignition and ventilate area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in a suitable container for disposal in accordance with waste regulations. Do not allow to enter drains or water courses. If it does the local water company should be contacted immediately, in case of contamination of streams, rivers or lakes The National Rivers Authority. Clean preferably with a detergent, avoid use of solvents.

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### 7. Handling and Storage

**Handling** Inhalation of vapour, particles and spray mist should be avoided. This can be aided by ensuring that ventilation is at a maximum. If ventilation is not sufficient to keep vapour below the OEL, respiratory protection must be worn. Protective clothing to BS2092 is essential to avoid contact with the skin and eyes. In the absence of full protective clothing, barrier creams may help to protect exposed areas.

**Storage** The use and storage of A P 1 Red Oxide Primer is subject to the specifications of the Highly Flammable Liquids and Liquefied Gases Regulations 1972. Up to 50 litres may be stored in a workroom if it is kept in a fireproof cupboard or bin. Larger quantities must be stored in a separate room according to the regulation noted above. The product must be kept in a cool, dry and ventilated area away from sources of ignition. They must be out of the reach of children and smoking should not be permitted in the vicinity.

### 8. Exposure Controls and 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 extraction methods are insufficient to maintain concentrations of particles and/or solvent vapours below relevant OEL's suitable respiratory protective equipment should be worn.

Ingredient	CAS No:	LT Exp - 8 Hours	LT EXP - 10 Minutes	Label
Xylene		100ppm (R)	150ppm	Highly Flammable

**Notes** OES - Occupational Exposure Standard. OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

**General 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** Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled to below OEL's and engineering methods cannot reasonably be improved.

**Hand Protection** Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help, but it should not be applied after 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.

### 9. Physical and Chemical Properties

<b>Appearance</b>	Liquid	<b>Flashpoint</b>	22 to 32°C
<b>Viscosity</b>	4.5 to 5 poise at 25°C	<b>Specific Gravity</b>	1.6
<b>Vapour Density</b>	N/A	<b>Lower Explosion Limit</b>	Lower Limit 1.1%
<b>Voc Content</b>	0.4kg/l		Upper Limit 7.0%

### 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 alkaline and acid materials to prevent the possibility of an exothermic reaction.

### 11. Toxicological Information

In general, exposure to solvent vapours can affect the health of an operative with results such as irritation to the mucous membrane and respiratory system, and adverse affects to the renal and central nervous systems. Symptoms can include headaches, dizziness, fatigue, muscular weakness and even unconsciousness. Repeated or prolonged exposure may lead to dermatitis.

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### 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.

### 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 Pollutions and Environmental Protection Acts.

### 14. Transport Information

<b>Domestic</b> SI Number - 1263	Packing Group - 111	Class 3
<b>Road/Rail</b> Designation - Paint related Material		
<b>Sea</b> Packing Group <=30l 111 Marine Pollutant - No Main Risk - Flammable	UN Number - 1263 Shipping Name - Paint Related Material	Class 3
<b>Air</b> Packing Group <=30l 111 Main Risk - Flammable	UN/IATA ID Number - 1263 Shipping Name - Paint Related Material	Class 3
<b>International Road/Rail</b> Packing Group - 111 Main Risk - Flammable	UN Number - 1263 Shipping Name - Paint Related Material (contains Xylene)	

### 15. Regulatory Information

This product is classified and labelled for supply in accordance with the Chemicals (Hazard information and packaging) Regulations follows:

**Danger Classifications** : Harmful, Flammable.    **Contains** : Xylene

**Risk Phrases** :    Harmful by inhalation and in contact with skin    irritating to skin  
possible risk of irreversible effects

**'S' Phrases** :    Do not breathe vapour or spray, should not be used on surfaces liable to be chewed or swallowed.

The information contained in this Safety Data Sheet does not constitute the users own assessment of the 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.

### 16. Other Information

Text of any Risk Phrases listed in section 2 :

R20/21 Harmful by inhalation and in contact with skin  
R38 Irritation to skin  
R40 Possible risk of irreversible effects.

'S' Phrases :

S23 Do not breathe vapour or spray  
S22 Do not breathe dust, should not be used on surfaces liable to be chewed or swallowed.

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of 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.