

C Roberson & Co Ltd

Safety Data Sheet according to Directive 91/155/EC

Revision Date: November 2006

1) Identification of the substance/preparation and the company

Trade Name: Ormoline Metallic Paint Thinner

Application: Thinner for use with Ormoline Paint

Manufacturer/Supplier:

C. Roberson & Co Ltd

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2) Composition/Information on ingredients

Ingredients:

Mixture of organic solvents.

Substance	CAS No.	Conc	Hazard Symbol	Risk Phase
Xylene, Mixture of Isomers	1330-20-7	50 - 100%	Xn, Xi	20/21-38-10
N-Butanol	71-36-3	1-2.5%	Xn, Xi	22-37/38-41-67-10
1-Methoxy-2-Propanol	107-98-2	2.5-10%		10
N-Butyl Acetate	123-86-4	25-50%		10-66-67

3) Hazards Identification

Classification: Xn – Harmful, Flammable, Irritant to Skin

Risk Phrases: Flammable. Irritating to skin. Harmful by inhalation and in contact with skin.

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 warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

- Skin contact: Wash off skin with warm soapy water or use a proprietary skin cleaner. Remove contaminated clothing. Do not use solvents or thinners.
- Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.
- Eye contact: Contact lenses should be removed. Irrigate thoroughly for at least 10 minutes with clean running water holding eyelids apart. Seek medical attention.

5) Fire Fighting Measures

- Extinguishing Media: Halogenated Hydrocarbons, Dry powder; Sand, Foam, Alcohol Resistant Foam.
Do not use water.
- Combustion products: Fire will produce dense black smoke containing hazardous products of combustion.
Decomposition products may be a hazard to health.
- Special procedures: Use approved self-contained breathing apparatus.
Use a fine water spray to cool down heat affected closed containers – not burning product. Do not allow run off from fire fighting to enter drains or water courses.

6 Accidental Release Measures

- Personal protection: Ventilate area and eliminate all sources of ignition. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures in Sections 7&8.
- Environmental protection: Do not allow spill to enter drains or watercourses. Form a dam with sand, earth or a boom. Absorb, bund and scrape spillages onto sand, sawdust or absorbent granules.
- Spill removal methods: Confine absorbed residues in a clearly marked sealed container for disposal in accordance with Local Authority regulations for flammable products – subject to special waste management controls. Clean affected area with detergent & water – avoid use of solvents.

7) Handling and Storage

- Handling precautions: Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent creation of explosive or flammable mixtures and avoid vapour concentrations above OEL. Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non-sparking tools and exclude sources of heat, sparks and flames. Keep container tightly closed. Always keep in containers made in the same material as the supply container.

Storage precautions: Store in tightly-sealed, clearly marked containers. Keep out of reach of children in a cool well ventilated environment preferably within a lockable metal cabinet. Subject to the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations.

8) Exposure/Personal Protection

Engineering Measures: Provide adequate ventilation. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapour below relevant OELs, suitable respiratory protective equipment should be worn.

Substance	Occupational Exposure Limits				Notation
	15 min STEL		8hr LTEL		
	ppm	mg/m ³	ppm	mg/m ³	
Xylene, Mixture of Isomers	100.00	441.00	50.00	220.00	Sk loelv
N-Butanol	50.00	154.00			Sk OES
1-Methoxy-2-Propanol	150.00	560.00	100.00	375.00	Sk loelv
N-Butyl Acetate	200.00	966.00	150.00	724.00	OES

Notes: Sk = Risk of absorption through skin
OES = Occupational exposure standard.

Personal protection: General: If exposure to hazardous substances identified above cannot be controlled by provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.

Respiratory: All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

Hand: Full physical protection is best. Seek advice from glove manufacturers.

Eye: Eye protection should be worn for all applications to help prevent accidental face/eye contact.

Skin: 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

Appearance: Liquid
Density / SG: 0.87 g/cm³
VOC Content: 0.87 Kg/Lt

10) Stability and Reactivity

No relevant information

11) Toxicological Information

There is no data available on the product itself.

12) Ecological Information

There is no data available on the product itself.

13) Disposal Information

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 local regulations.

14) Transport Information

Road/Rail

ADR Class No.: 3

UN No. 1263

ADR Packing Group: II

15) Regulatory Information

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packaging) Regulations as follows:

Classification: Xn – Harmful



HARMFUL



FLAMMABLE

Contains: Xylene, Mixture of Isomers

Risk Phases 10 Flammable.
38 Irritating to skin.
20/21 Harmful by inhalation and contact with skin.

Safety Phases: 2 Keep out of reach of children.
13 Keep away from food, drink and animal feedstuffs.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of water.

- 43 In case of fire do not use water.
46 If swallowed seek medical advice immediately and show this container or label.
7/9 Keep container tightly closed and in a well-ventilated space.
24/25 Avoid contact with skin or eyes.
36/37/39 Wear suitable protective clothing, gloves and/or face protection.

Text of any risk phases listed in section 2:

- R10 Flammable.
R20/21 Harmful by inhalation and contact with skin.
R22 Harmful if swallowed.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

16) Other information

This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials.

To best of our knowledge the information contain herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist