SAFETY DATA SHEET
RONSEAL QUICK DRYING VARNISH

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME
RONSEAL QUICK DRYING VARNISH

INTERNAL ID
Commodity Code  320910 00 00

SYNONYM, TRADE NAMES
SPN 10360

APPLICATION
Decorative coating

SUPPLIER
Ronseal Ltd
Thorncliffe Park
Chapeltown
Sheffield S35 2YP
enquiry@ronseal.co.uk

EMERGENCY TELEPHONE
Tel +44 (0) 114 246 7171
Fax +44 (0) 114 245 5629

2 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE-1, 2-DIOL</td>
<td></td>
<td>57-55-6</td>
<td>2.5-10%</td>
<td>-</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS
EU VOC limit value for this product (cat. A/e) : 150g/l (2007) / 130g/l (2010).

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4 FIRST-AID MEASURES

GENERAL INFORMATION
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 has stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

INGESTION
If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

SKIN CONTACT
Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a proprietary skin cleanser. Do NOT use solvents or thinners. Seek medical advice if any irritation persists.

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

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
This product is not flammable. Fire can be extinguished using: alcohol resistant foam, carbon dioxide (CO2), powder, water spray/ mist. Do not use water jet.
RONSEAL QUICK DRYING VARNISH

SPECIAL FIRE FIGHTING PROCEDURES
As the product contains combustible organic components, fire will produce dense black smoke containing hazardous of combustion (see Section 10). Exposure to decomposition products may be hazardous to health. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or watercourses. Appropriate self-contained breathing apparatus may be required.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS
Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Section 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth or vermiculite, and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Keep away from heat, sparks and open flame. Smoking, eating and drinking should be prohibited in areas of storage and use. Avoid skin and eye contact. Avoid inhalation of vapour. Avoid inhalation of dust. Dusts should be contained and effectively and thoroughly cleaned up. Where possible, wet flailing methods or chemical strippers should be used to avoid the creation of dust. Prevent the generation and inhalation of harmful dusts and fumes when preparing surfaces previously coated with lead containing paints. When dry flating cannot be avoided and effective local exhaust ventilation is not available, a suitable dust respirator to BS 2091, fitted with a particulate cartridge, and suitable for lead dust, should be worn. Do not apply at temperatures below 10°C, or in high humidity. For Occupational Exposure Controls, refer to Section 8. The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product.

STORAGE PRECAUTIONS
Observe the label precautions. Store between 5°C and 25°C. Keep in a cool, dry, well ventilated place, away from sources of heat, ignition and direct sunlight. No smoking. Store separately from oxidising agents and strongly alkaline and strongly acidic materials. The principles contained in the HSE Guidance Note: Storage of Packaged Dangerous Substances, should be observed when storing this product. To avoid the risk of spillage, always store and transport in a secure and upright position.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>LT - ppm</th>
<th>LT - mg/m3</th>
<th>ST - ppm</th>
<th>ST - mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE-1, 2-DIOL</td>
<td>WEL</td>
<td>150 ppm</td>
<td>474 mg/m3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

INGREDIENT COMMENTS
WEL = Workplace Exposure Limits SUP = Supplier’s recommendation.

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.

RESPIRATORY EQUIPMENT
If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective 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 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.

OTHER 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. Do not use solvents or thinners as skin cleaning agents. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.
## 9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>APPEARANCE</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>COLOUR</strong></td>
<td>Lightly coloured.</td>
</tr>
<tr>
<td><strong>ODOUR</strong></td>
<td>Low, inoffensive.</td>
</tr>
<tr>
<td><strong>SOLUBILITY</strong></td>
<td>Miscible with water.</td>
</tr>
<tr>
<td><strong>FLASH POINT (°C)</strong></td>
<td>&gt; 61 CC (Closed cup).</td>
</tr>
<tr>
<td><strong>VOLATILE ORGANIC COMPOUND (VOC)</strong></td>
<td>60 g/litre</td>
</tr>
</tbody>
</table>

## 10 STABILITY AND REACTIVITY

**STABILITY**
Stable if stored under recommended storage and handling conditions.

**CONDITIONS TO AVOID**
Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

**HAZARDOUS DECOMPOSITION PRODUCTS**
In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and alcohols may be produced.

## 11 TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION**
There is no data available on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects from components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification.

**INGESTION**
This product contains an in-can biocide, may be harmful if swallowed.

**SKIN CONTACT**
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.

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

## 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**
The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

**DEGRADABILITY**
There is no data available on the product itself.

**ACUTE FISH TOXICITY**
There is no data available on the product itself.

**WATER HAZARD CLASSIFICATION**
There is no data available on the product itself. The product should not be allowed to enter drains or watercourses, or be deposited where it can affect ground or surface waters.

## 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**
Do not allow into drains or watercourses, 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 information provided in this data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

## 14 TRANSPORT INFORMATION
RONSEAL QUICK DRYING VARNISH

GENERAL

This product is not classified as dangerous for carriage. Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that person's transporting the product know what to do in an accident or spillage. No transport warning sign required.

UN NO. ROAD: N/C UN NO. SEA: N/C

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

S2 Keep out of the reach of children
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of water.
S51 Use only in well-ventilated areas.

UK REGULATORY REFERENCES

This information contained in this data sheet is provided in accordance with the requirements of The Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP].

The information contained in this safety data sheet does not constitute the user's own assessment 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.

The Manual Handling Operations Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations.
The VOCs in Paints, Varnishes and Vehicle Refinishing Products Regulations 2005.
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.

European Agreement concerning the International Carriage of Dangerous Goods by Road [ADR]

EU DIRECTIVES


GUIDANCE NOTES

Occupational Exposure Limits EH40

16 OTHER INFORMATION

GENERAL INFORMATION

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.

The product should not be used for purposes other than those 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 supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

PREPARATION OF SURFACES PRIOR TO FINISHING

Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood or metal as they may contain harmful lead.

Where possible, wet flaiting methods or chemical strippers should be used to avoid the creation of dust. When dry flaiting cannot be avoided and local exhaust ventilation is not available, a dust respirator to BS 2091, fitted with a particulate cartridge, and suitable for lead dust, should be worn.
RONSEAL QUICK DRYING VARNISH

People not involved with the work should be excluded from the area, until thorough cleaning has been carried out. Children and pregnant women should particularly be excluded.

Refer to the Control of Lead at Work Regulations regarding protective clothing and personal hygiene measures.

Dusts should be contained and effectively and thoroughly cleaned up.

For specific guidance contact Ronseal Technical Services. [Helpline +44 (0) 114 240 9469 ] ; Email: enquiry@ronseal.co.uk

REVISION COMMENTS
Revised Regulatory Information. Amended Physical and Chemical Properties.

REVISION DATE 04-07-2006
REV. NO./REPL. SDS GENERATED 10360/0
SDS NO. 10360/1

SAFETY DATA SHEET STATUS
Approved.

DATE 04-07-2006
SIGNATURE K. R. P. Winder

RISK PHRASES IN FULL
NC Not classified.

DISCLAIMER

Information contained in this Safety Data Sheet is based on data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case.

The supplier accepts no responsibility whatsoever (except otherwise provided in law) for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the product.