



# SAFETY DATA SHEET

## RONSEAL DIAMOND HARD CLEAR FLOOR VARNISH

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**PRODUCT NAME** RONSEAL DIAMOND HARD CLEAR FLOOR VARNISH  
**PRODUCT NO.** 20587/88  
**INTERNAL ID** Commodity Code 320990 00 00  
**SYNONYMS, TRADE NAMES** (SPN 10326)  
**APPLICATION** Decorative coating  
**SUPPLIER** Ronseal Ltd  
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Chapelton  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-2-(ETHOXYETHOXY ETHANOL)	203-919-7	111-90-0	2.5-10%	Xi;R36.
AMMONIA 10 - 25%	215-647-6	1336-21-6	< 1%	C;R34. N;R50.
N-METHYL-2-PYRROLIDONE	212-828-1	872-50-4	2.5-10%	Xi;R36/38
PROPANE-1, 2-DIOL		57-55-6	1-2.5%	-

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

#### COMPOSITION COMMENTS

EU VOC limit value for this product (cat. A/i) : 140g/l (2007) / 140g/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.

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## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

This product is not flammable. Fire can be extinguished using: alcohol resistant foam, carbon dioxide (CO<sub>2</sub>), powder, water spray/ mist. Do not use water jet.

### 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. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or watercourses.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. 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. Provide good ventilation. Avoid skin and eye contact. Avoid inhalation of vapour. Avoid inhalation of dust. Always use wet flating methods wherever possible. Do not apply at temperatures below 10 C, or in high humidity. The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product.

For Occupational Exposure Controls, refer to Section 8.

### 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. Protect from frost. 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

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
N-METHYL-2-PYRROLIDONE	WEL	25 ppm(Sk)	103 mg/m3(Sk)	75 ppm(Sk)	309 mg/m3(Sk)
2-2(-ETHOXYETHOXY ETHANOL)		No std.	No std.	No std.	No std.
PROPANE-1, 2-DIOL	WEL	150 ppm	474 mg/m3		

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits SUP = Supplier's recommendation.

### ENGINEERING MEASURES

No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

### HAND PROTECTION

Wear suitable protective gloves to avoid the possibility of skin contact. 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.

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## 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.

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

APPEARANCE	Liquid
COLOUR	Lightly coloured.
ODOUR	Low, inoffensive.
SOLUBILITY	Miscible with water.
FLASH POINT (°C)	> 61 CC (Closed cup).

## 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.

### 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. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

#### 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.

## 13 DISPOSAL CONSIDERATIONS

# RONSEAL DIAMOND HARD CLEAR FLOOR VARNISH

## 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

### GENERAL

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. This product is not classified as dangerous for carriage.

No transport warning sign required.

UN NO. ROAD	N/C	ADR CLASS	Not dangerous according to ADR.
UN NO. SEA	N/C		

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

S2 Keep out of the reach of children  
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.  
S24/25 Avoid contact with skin and eyes.

### 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 Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.

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

The VOCs in Paints, Varnishes and Vehicle Refinishing Products Regulations 2005.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 88/379 Safety Data Sheet Directive 91/155  
VOC Directive 2004/42/CE

### GUIDANCE NOTES

Workplace 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.

# RONSEAL DIAMOND HARD CLEAR FLOOR VARNISH

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.

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

## REVISION COMMENTS

Implementation of EH40/2005: Workplace Exposure Limits (WELs) Updated UK Regulatory References.

## ISSUED BY

S. Russell

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REV. NO./REPL. SDS 10326/0

GENERATED

SDS NO. 10326/1

## SAFETY DATA SHEET STATUS

Approved.

DATE 02-02-2006

SIGNATURE K. R. P. Winder

## RISK PHRASES IN FULL

NC	Not classified.
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R50	Very toxic to aquatic organisms.

## 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.