

# RESINSEAL

## SAFETY DATA SHEET

### RESINSEAL COLOURED CONCRETE SEAL

**IMPORTANT: Read this SDS before handling or using this product and pass this information to employees, customers and other potential users.**

**The information contained in this SDS is displayed in the order prescribed in the EU REACH regulation (1907:2006).**

Revision No. 0

Date of Issue: 28<sup>th</sup> November 2009

Page 1 of 6

### 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

Name of Preparation: Resinseal coloured concrete seal  
Intended Uses: In specialist surface coating applications.  
Supplier: Leading Solvent Supplies Ltd,  
Marston Business Park,  
Rudgate,  
York,  
YO26 7QF  
Phone: 01423 358058  
Fax: 01423 358923  
E-mail: [sales@leading-solvent.co.uk](mailto:sales@leading-solvent.co.uk)

### 2. HAZARDS IDENTIFICATION

Main hazards: Flammable. Moderate heating to temperatures at or above the flash point can release vapours which can form flammable mixtures with air.

Harmful by inhalation and in contact with the skin.

Toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

Other hazards: Inhalation of the vapours may cause drowsiness and dizziness.

Repeated exposure may cause skin dryness and cracking.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	EINECS No.	CAS No.	%	Danger Category	Risk Phrases*
Distillate, (Petroleum) Hydrotreated Light **	265-149-8	64742-47-8	6-12	Xn	R10, 65, 66
Solvent Naphtha, (Petroleum), Medium aliphatic.	265-191-7	6472-88-7	9-18	Xn	R10, 51/53, 65, 66
Potassium Aluminium Silicate***		12001-26-2	15-30		
Kerosine, (Petroleum), Hydrosulphurised	865-184-9	6472-81-0	10-20	Xn, Xi, N	R10, 51/53, 65

\*The texts of risk phrases referred to here are shown in Section 16.

\*\* This substance may contain trace amounts of benzene but never more than 0.1% by weight. Note J to the ASL applies.

\*\*\* This substance is subject to a European Community Workplace Exposure Limit.

# **SAFETY DATA SHEET**

## **COLOURED CONCRETE SEAL**

Revision No. 0	Date of Issue: 28 <sup>th</sup> November 2009	Page 2 of 6
----------------	---	-------------

---

### **4. FIRST AID MEASURES**

---

Inhalation:	Remove the affected person to fresh air. Allow to rest and keep warm. If unconscious, turn to the recovery position and immediately seek medical attention. If breathing is difficult or respiratory system is irritated obtain medical attention.
Ingestion:	Wash out mouth with water. <b>DO NOT INDUCE VOMITING.</b> Obtain medical attention immediately. Loosen all tight clothing and give large quantity of water to drink. If patient vomits place in the recovery position.
Skin Contact:	Blot or wipe off excess material then immediately flush affected area with large quantities of clean water. Wash with soap and water. Remove all contaminated clothing and shoes and wash before re-use. Obtain medical attention if irritation occurs.
Eye Contact:	Quickly but gently blot or wipe chemical from the face. Check for and remove any contact lenses. Immediately flush eye(s) with lukewarm gently flowing water for 5 minutes while holding the eyelid(s) open. Obtain medical advice.

---

### **5. FIRE FIGHTING MEASURES**

---

All fires:	<b>DO NOT USE WATER JETS</b>
Small fires:	Use carbon dioxide, dry chemical, 'alcohol' foam, sand, earth or water fog
Large fires:	Use 'alcohol' foam or water fog. Keep containers cool by spraying with water. If it can be done without risk, move containers from the vicinity of the fire.
Risks:	Dense black smoke, which may contain carbon monoxide, will be released.
Protective Measures:	Evacuate area and fight fire from a distance. Use self-contained breathing apparatus if entry to the affected space is necessary. Do not allow run-off water to enter drains or water courses. If run-off water enters drains or watercourses inform the emergency services and the local water authority immediately.

---

### **6. ACCIDENTAL RELEASE/SPILLAGE MEASURES**

---

Personal Precautions Following Spill:	Evacuate all non-essential personnel from the vicinity of the spill. Remove all sources of ignition. If indoors, ventilate the affected area, wear self-contained breathing apparatus and avoid all forms of contact. If outside, mark out the affected area with signs and prevent unauthorised personnel from approaching the scene. Avoid all forms of contact. If safe to do so turn leaking drums leak-side up in order to minimise leakage.
Precautions to Protect Environment:	Prevent spilled material entering drains and watercourses. If spilled material enters drains or watercourses inform the emergency services and the local water authority.
Spill Clean-up Methods:	Absorb spilled material on non-combustible absorbent such as vermiculite granules or sand and place in sealed containers. Retain for disposal as recommended in Section 13. Scrub the affected area with detergent and water. If possible, collect wash water for disposal as recommended in Section 13. If not possible to collect wash water, flush washings to drain with very large quantities of water.

---

### **7. HANDLING AND STORAGE**

---

Usage Precautions:	Apply only as recommended on the label or in product literature. Keep away from sources of ignition. <b>DO NOT SMOKE</b> while using this material. Handle only in a manner which minimises the risk of damage to packages and of spillage. Use with adequate ventilation. Avoid generating mists. Do not inhale mists. Avoid contact with eyes, skin and clothing. Wash hands thoroughly after working with this substance. Contaminated clothing must be thoroughly laundered before re-use.
Storage Precautions:	Store only in sealed, clearly marked containers in an area which is well ventilated, dry and not subject to extremes of temperature. Ensure that lighting and electrical equipment in the vicinity are not sources of ignition.

# **SAFETY DATA SHEET**

## **COLOURED CONCRETE SEAL**

<b>Revision No. 0</b>	<b>Date of Issue: 28<sup>th</sup> November 2009</b>	<b>Page 3 of 6</b>
-----------------------	---	--------------------

### **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Ingredient Name	EINECS No.	WEL		Comments
		8 Hour TWA	15 min STEL	
Distillate Petroleum Hydrotreated Light	265-149-8	600 ppm*		
Potassium Aluminium Silicate		0.8 mg/m <sup>3</sup>		Respirable dust
		10 mg/m <sup>3</sup>		Total dust

\* Manufacturer recommended value.  
The other substances listed in Section 3 have not been assigned workplace exposure limits.

<b>Engineering Controls</b>	Ensure there is sufficient ventilation of the area. Ensure that lighting and electrical equipment are not a source of ignition.
<b>Personal Protection. Respiratory Protection</b>	When being used out of doors respiratory protection should not be necessary. When being used indoors use appropriate certified respirators with vapour filter type A.
<b>Skin Protection</b>	Wear nitrile rubber gloves and suitable clothing.
<b>Eye Protection</b>	Wear chemical safety goggles or a face shield and ensure that an eye bath is located nearby.
<b>Hygiene Measures</b>	Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Viscous liquid which may be any one of a variety of colours.	<b>Odour</b>	Marked, similar to petrol.
<b>Relative Density @ 20°C</b>	1.2	<b>Initial Boiling Point</b>	138°C
<b>Flash Point (Open Cup)</b>	38°C	<b>Solubility in water</b>	Insoluble

### **10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under intended conditions of storage and use.
<b>Conditions to Avoid:</b>	Heat. Hot surfaces. Sources of ignition.
<b>Incompatible Materials:</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products:</b>	Products of combustion may include carbon monoxide and dense black smoke.
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerisation will not occur.

# SAFETY DATA SHEET

## COLOURED CONCRETE SEAL

Revision No. 0

Date of Issue: 28<sup>th</sup> November 2009

Page 4 of 6

### 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data	No product-specific data available. None of the constituent substances is classified as toxic according to Directive 67/548/EEC.
Symptoms of exposure	
Skin contact:	Prolonged or repeated contact leads to drying and possibly cracking of the skin.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	May cause irritation of the mucous membranes and abdominal pain if swallowed. There may be soreness and redness in the mouth and throat and vomiting may occur.
Inhalation:	There may be irritation of the respiratory system with a feeling of tightness in the chest. Excessive exposure to the vapours can cause nausea, sickness, headaches, drowsiness, dizziness, disorientation and vertigo.

### 12. ECOLOGICAL INFORMATION

Mobility:	Will largely evaporate but a significant proportion will not do so. If product enters soil it will be mobile and may contaminate groundwater. Will be absorbed on to soil and will not be mobile.
Aquatic Toxicity:	Toxic to fish and other aquatic organisms.

### 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Do not discharge to sewers, the ground or any body of water but arrange for disposal by incineration by a licensed operator. Empty containers may contain hazardous residues and should be cleaned by appropriate methods and then re-used or disposed of in an appropriate manner.
------------------------	--

### 14. TRANSPORT INFORMATION

The following information applies to transport of this preparation by road, rail, inland waterway, sea and air.

UN Number:	1263
Proper Shipping Name:	Paint
Class:	3
Packing Group:	III
Transport Labels:	



The following additional information is specific to the mode of transport shown.

#### Road (ADR)

ADR Classification Code:	F1
Transport Category:	3
Tunnel Restriction Code:	(D/E)
Limited Quantity Value:	5 litres

#### Sea (IMDG)

Ems Code:	F-E, S-E
Limited Quantity Value:	5 litres
Marine Pollutant:	Yes

#### Air (IATA)

Limited Quantity Value:	See Packing Instruction Y309.
-------------------------	-------------------------------

# SAFETY DATA SHEET

## COLOURED CONCRETE SEAL

Revision No. 0

Date of Issue: 28<sup>th</sup> November 2009

Page 5 of 6

### 15. REGULATORY INFORMATION

**Danger Category:** Harmful  
Dangerous for the environment  
Flammable

**Hazard Symbol Letter:** Xn N

**Warning labels:**



**Contains:** Distillate (Petroleum) Hydrotreated Light.

**Risk Phrases:**

R10 Flammable  
R20/21 Harmful by inhalation and in contact with the skin  
R51/53 Toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment  
R66 Repeated exposure may cause skin dryness or cracking  
R67 Vapours may cause drowsiness and dizziness.

**Safety Phrases:**

S2 Keep out of reach of children  
S24 Avoid contact with the skin and eyes  
S37 Wear suitable gloves  
S46 If swallowed seek medical advice immediately and show this container or label.  
S57 Use appropriate containment to avoid environmental contamination.  
S60 This material and its container must be disposed of as hazardous waste.  
S61 Avoid release to the environment, Refer to special instructions/safety data sheet.

**Sources of Information.**

**UK Regulatory References:** The Chemical (Hazard Information for Packaging and Supply) Regulations 2009 (SI 2009:716) and associated documents.

HSE Guidance Note EH40 2007

**Other Sources**

Safety data sheets from raw material suppliers.

# **SAFETY DATA SHEET**

## **COLOURED CONCRETE SEAL**

<b>Revision No. 0</b>	<b>Date of Issue: 28<sup>th</sup> November 2009</b>	<b>Page 6 of 6</b>
-----------------------	---	--------------------

---

### **16. OTHER INFORMATION**

---

1. The texts of risk phrases shown in Section 3 are:

<b>R10</b>	<b>Flammable</b>
<b>R11</b>	<b>Highly flammable.</b>
<b>R20/21</b>	<b>Harmful by inhalation and in contact with the skin.</b>
<b>R37/38</b>	<b>Irritating to the eyes, respiratory system and skin.</b>
<b>R43</b>	<b>May cause sensitisation by skin contact.</b>
<b>R51/53</b>	<b>Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.</b>
<b>R65</b>	<b>Harmful: may cause lung damage if swallowed.</b>
<b>R66</b>	<b>Repeated exposure may cause skin dryness or cracking.</b>
<b>R67</b>	<b>Vapours may cause drowsiness and dizziness.</b>

2. The data contained in this SDS is in most instances derived from knowledge of the components and not from actual testing of the product.

3. This product should be stored, handled and used in accordance with good industrial practice and conformity with any relevant requirements of legislation such as the Health and Safety at Work etc Act, the Control of Substances Hazardous to Health Regulations, the Environmental Protection Act and the Control of Pollution Act.

4. The information contained herein is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the responsibility of the user to satisfy himself as to the suitability of such information for his own particular use.

Revision No: 0    Date of Issue: 28<sup>th</sup> November 2009    Replaces: This is the original version.

