

# SAFETY DATA SHEET

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name RS FLOOR PAINTS (RED 494-039 & GREY 494-045)  
Product No. 000162FLOOR PAINTSCLP

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Paint.

#### 1.3. Details of the supplier of the safety data sheet

Supplier R S Components Limited  
Birchington Road  
Corby  
Northants  
NN17 9RS  
+44(0)1536 402888 (8am-8pm)  
+44(0)1536 401588  
technical.help@rs-components.com  
Manufacturer Made in England

#### 1.4. Emergency telephone number

National Emergency Telephone Number  
0044 (0) 161 627 0101

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Liq. 3 - H226  
Human health STOT SE 3 - H336  
Environment Not classified.

Classification (1999/45/EEC)

R10, R67.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

Precautionary Statements

P102 Keep out of reach of children.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing vapour/spray.  
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P403+235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
Supplemental label information	
EUH208	Contains COBALT CARBOXYLATE. May produce an allergic reaction.

**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

2-BUTOXYETHANOL		< 1%
CAS-No.: 111-76-2	EC No.: 203-905-0	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38	
BUTAN-2-OL		< 1%
CAS-No.: 78-92-2	EC No.: 201-158-5	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT SE 3 - H336	Classification (67/548/EEC) R10 Xi;R36/37 R67	
BUTYL ACETATE -norm		< 1%
CAS-No.: 123-86-4	EC No.: 204-658-1	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336	Classification (67/548/EEC) R10 R66 R67	
COBALT CARBOXYLATE		< 1%
CAS-No.: 68409-81-4	EC No.: 270-066-5	

Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. Xi;R38. N;R51/53. R43.
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ETHYLBENZENE	< 1%
CAS-No.: 100-41-4	EC No.: 202-849-4

Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 4 - H332	Classification (67/548/EEC) F;R11 Xn;R20
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Hydrocarbons C9-C11, n-alkanes, isoalkanes	30-60.%
CAS-No.: 64742-48-9	EC No.: 919-857-5

Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10,R66,R67.
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ODOURLESS KEROSENE (DUTY PAID)	10-30%
CAS-No.: 64742-47-8	EC No.: 265-149-8

Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R65. R66.
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XYLENE	< 1%
CAS-No.: 1330-20-7	EC No.: 215-535-7

Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38
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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

General information

NOTE! Effects may be delayed. Keep affected person under observation. NOTE! Keep affected person away from heat, sparks and flames!

Inhalation

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

Remove victim immediately from source of exposure. Rinse mouth thoroughly. NOTE! Keep affected person away from heat, sparks and flames! DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed**

**4.3. Indication of any immediate medical attention and special treatment needed**

**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

Extinguishing media

Use: Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist. Carbon dioxide (CO2).

**5.2. Special hazards arising from the substance or mixture**

Unusual Fire & Explosion Hazards

Vapours are heavier than air and may spread near ground to sources of ignition.

**5.3. Advice for firefighters**

Special Fire Fighting Procedures

Ventilate closed spaces before entering them. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Do not scatter spilled material with more water than needed to fight the fire. Be aware of danger for fire to re-start. Keep run-off water out of sewers and water sources. Dike for water control.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

**6.2. Environmental precautions**

**6.3. Methods and material for containment and cleaning up**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

**6.4. Reference to other sections**

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

**7.2. Conditions for safe storage, including any incompatibilities**

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep containers tightly closed.

Storage Class

Flammable liquid storage.

**7.3. Specific end use(s)**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)		
BUTAN-2-OL	WEL	100 ppm	308 mg/m3	150 ppm	462 mg/m3	
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3	
ETHYLBENZENE	WEL	100 ppm(Sk)	441 mg/m3(Sk)	125 ppm(Sk)	552 mg/m3(Sk)	
ODOURLESS KEROSENE (DUTY PAID)		165 ppm	1200 mg/m3			
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

## 8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash station.

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 must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use protective gloves.

Eye protection

Use eye protection.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated.

Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Red. Grey.
Odour	Characteristic.
Solubility	Insoluble in water
Relative density	<1.0
Flash point (°C)	38 Not noted.
Flammability Limit - Lower(%)	0.6
Flammability Limit - Upper(%)	8.0

### 9.2. Other information

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

**10.2. Chemical stability**

Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions****10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

**10.5. Incompatible materials****10.6. Hazardous decomposition products**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects****Inhalation**

Vapours may cause headache, fatigue, dizziness and nausea. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**Ingestion**

May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

**Skin contact**

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**Eye contact**

Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.

**Health Warnings**

Repeated exposure may cause chronic eye irritation. Swallowing concentrated chemical may cause severe internal injury.

**Route of entry**

Inhalation. Ingestion. Skin and/or eye contact.

**Medical Symptoms**

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes).

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Dangerous for the environment if discharged into watercourses.

**12.1. Toxicity****12.2. Persistence and degradability****12.3. Bioaccumulative potential****12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

Collect on absorbent material, place in cardboard kegs and incinerate. Incinerate in suitable combustion chamber. Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number**

UN No. (ADR/RID/ADN)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263

**14.2. UN proper shipping name**

Proper Shipping Name	PAINT OR PAINT RELATED MATERIAL
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**14.3. Transport hazard class(es)**

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	

**14.4. Packing group**

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

EMS	3-05
Emergency Action Code	3Y
Hazard No. (ADR)	30
Hazard No. (ADR)	30 Flammable liquid (flash-point between 23°C and 60°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 60°C, heated to a temperature equal to or above its flash-point, or self heating liquid.
Tunnel Restriction Code	(D/E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.  
The Control of Substances Hazardous to Health Regulations 2002.

## Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

CHIP for everyone HSG(108).

**15.2. Chemical Safety Assessment****SECTION 16: OTHER INFORMATION**

Revision Date	06/01/2005
Revision	1
Supersedes date	02/06/2015
Risk Phrases In Full	
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable
R36/37	Irritating to eyes and respiratory system.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
Hazard Statements In Full	
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.

## Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information 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 to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.