SAFETY DATA SHEET

LC201Red Lustre

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Red Lustre
Product number LC201

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

Identified uses Decorative coating for glass and ceramic ware, suited for firing

1.3. Details of the supplier of the safety data sheet

Supplier

Potterycrafts Ltd.,
Campbell Road,
Stoke-on-Trent,
Staffordshire
UK. ST4 4ET.
Tel +44(0)1782 745000
sales@potterycrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000. Office hours: 08:30 – 16:30 Hours Mon-Friday.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC) Xi;R38. R43. N;R51/53. R10.

Human health See section 11 for toxicological information

Environmental See section 12 for environmental information

Physicochemical See section 9 for physicochemical information

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
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2.3. Other hazards

Other hazards No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical Characterisation.

Description: Mixture of the substances listed below with harmless additions.

Hazardous Components;			
CAS:95-50-1 EINECS:2024259	o-dichlorbenzene	 Skin Irrit 2-H315, Eye irrit-2-H319	1-5%
CAS:108-67-8 EINECS:203-604-4	1,3,5 Trimethyl benzene	 Flam.Liq3-H226,Skin irrit2-H315. Skin sens1-H317	<10%
CAS 108-94-1 EINE2036306	Cyclohexanol	 Skin Irrit:2-H315, EYE Irrit:2-H319	<30%
CAS 108-94-1 EINE 2036311	Cyclohexanone	 Skin Irrit:2-H315, EYE Irrit:2-H319<	<5%
CAS:8006-64-2 EINECS:2323507	Turpentine	 Skin irrit2-H315. Skin Sens1:H317  Flam Liq3-H226	<30%

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

After inhalation : In case of unconsciousness bring patient into stable side position for transport.
After skin contact : Instantly wash with water and soap and rinsethoroughly.
After eye contact: Rinse opened eye for several minutes under running water**.** If symptoms persist, consult doctor**.**
After swallowing : In case of persistent symptoms consult doctor.

SECTION 5: Firefighting measures

Suitable extinguishing agents :
CO_2. Extinguishing powder, or water jet. Fight larger fires with water jet or alcohol- resistant foam.
For safety reasons unsuitable extinguishing agents.: Water with a full water jet.
Protective equipment : Wear self- contained breathing apparatus

SECTION 6: Accidental release measures

Person related safety precautions : Wear protective equipment. Keep un protected persons away.
Measures for environmental protection:
Inform respective authorities in case product reaches water or sewage system.
Do not allow enter drainage system, surface or ground water.

Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomic, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.

SECTION 7: Handling and storage

Handling.
Information on safe handling:
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about protection against explosions and fires.:
Keep ignition sources away – Do not smoke.
Protect against electrostatic charges.

Storage.
Requirements to be met by storerooms and containers. : No special requirement.
Information about storage in one common storage facility : Not required
Further information about storage conditions : Keep in tightly sealed container

SECTION 8: Exposure Controls/personal protection

Additional information about the design of technical systems.;
The application of this product requires well exhausted firing kilns and efficient ventilation of working areas.

Components with limit values that require monitoring at the workplace.:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the vworkplace.

Additional information : The list that were valid during complication were used as basis.

Personal protective equipment:
General protective and hygienic measures.
Keep away from foodstuffs, beverages and food.
Take off immediately all contaminated clothing.
Wash hands at breaks and at end of the day.



Avoid contact with eyes and skin.

Breathing equipment:
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Protection of hands:
Protective gloves .
Use gloves of stable material (eg. Nitrile) – if necessary tri-coated to improve wearability.

Material of gloves:
Nitrile rubber NBR
The selection of suitable gloves does not depend on the material, but also on further marks of quality and varies from manufacture to manufacturer. As the product is a preparation of several substances .The resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material.
The exact break through time has to be found by the manufacturer of the protective gloves and has to be observed.

Eye protection. : Tightly sealed safety glasses.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form:	Fluid
Colour	Maroon ,varnish-like liquid
Odour	Characteristic.
pH	neutral
Flash point	35°C CC (ISO 3679).
Boiling point	Decomposes on heating.
Relative density	1.0 - 1.2 g/cm³
Solubility(ies)	Immiscible with water
Viscosity	0.42 - 0.46 Poise
Solvent Content	
Organic solvent	30.5%
Water	0.0%
VOC(EU):	30.5%
Solids Content:	22.5%

9.2. Other information

Other information	None.

SECTION 10: Stability and reactivity

Thermal decomposition/conditions to be avoided : No decomposition if used according to specifications.

Dangerous reactions : No dangerous reactions known.

Dangerous products of decomposition : No dangerous decomposition products known.

SECTION 11: Toxicological information

Acute Toxicity ;

LD/LC50 values that are relevant for classification:		
27554-26-3 o-dichlorbenzene		
Oral	LD50	5000mg/kg (rat**)**
80006-64-2 Turpentine		
Oral	LD50	1310mg/kg (mouse)

Primary Irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye : Irritant effect

Sensitizing : No sensitizing effect known.

Additional Toxicological information.:
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.::
Harmful
Irritant.

SECTION 12: Ecological Information

Ecotoxical Effects:

Aquatic Toxicity:		
827554-26-3 o-dichlorbenzene		
Oral	EC50/24h	25.2 mg/l (daphnia)

Remark : Harmful to fish

General Notes ;
Water Hazard class 2 (German Regulation) (Self assessment) : hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.

Harmful to aquatic systems

SECTION 13: Disposal considerations

Product :
Recommendation;
Must not be disposed of together with household waste/garbage. Do not allow product to reach the sewage system.

European waste catalogue
08 01 11 | waste paint and varnish containing organic solvents or other dangerous substances.

Uncleaned Packagings :
Recommendations; Disposal must be made according to official regulations.

SECTION 14: Transport information

Land Transport ADR/RID (cross border)



ADR/RID-GGVS /E Class:3 Flammable liquids.

Kemler Number:	30
UN-Number:	1263
Packaging Group:	III
Label	3
Designation of goods	1263PAINT (not viscous)
Limited Quantities(LQ)	LQ7
Transport category	3
Tunnel code restriction	E

Maritime transport IMDG



IMDG Class:	3
UN Number	1263
Label	3
Packaging group	III
EMS Number:	F_E_S_E
Marine Pollutant :	Yes
Correct technical name :	PAINT

Air Transport ICAO-TI and IATA-DGR::



ICAO/IATA Class	3
UN/ID Number :	1263
Label	3
Packaging group;	III
Correct technical name	PAINT

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Designation according to EC guidelines:
The product has been labelled in accordance with EC Directives, relevant national laws.

Code letter and hazard designation of product:

Signal Word: Warning

Hazard-determining components of labelling :

Risk phases

R10 Flammable
11 Highly flammable
36/38 Irritating to eyes and skin.
R52/53 harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment
R65 Harmful : may cause lung damage if swallowed.

Safety phrases
P23 Do not breathe gas/fumes /vapour/spray (appropriate wording to be specified by the manufacturer0

P51 Use only in well ventilated areas.
P61 Avoid release to the environment . Refer to special instructions/safety data sheets.

National regulations.

Water hazard class : water hazard class2 (Self assessment) : hazardous for water.

SECTION 16: Other information

Revision date	25/03/18
Revision	3
Supersedes date	27/01/2016
Risk phrases in full	R10 Flammable.

Hazard statements in full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

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.