

SAFETY DATA SHEET	Surface Tension Test Ink (Red) Dynes/cm 59-71	SDS Reference 05
Version No. 2	First issue date 30-09-2005	Revision date 01-06-2015

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

1.1 Product Identifier	Surface Tension Test Ink (Red)		
1.2 Relevant Use(s)/misuse(s)	For wetting tension 59-71 dynes/cm		
1.3 SDS Supplier	Corona Supplies Ltd	WEB: www.coronasupplies.co.uk	
	Unit G		
	Howland Road Business Park,	Telephone	+44 (0) 1844 261779
	Thame, Oxon, England, OX9 3GQ	Fax No	+44 (0) 1844 358187
1.4 Emergency Telephone No:	+44(0)1844 261779 (Not 24 hrs)	Competent Person: trevor@rising-hsande.co.uk	

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Not classified

2.1.2 Additional information

See section 16 for full text of Hazard statements

2.2 LABEL ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

		<u>Signal word</u>
Pictogram(s):	NONE	NONE
Hazard statement(s)	NONE	
Precautionary statement(s)	NONE	

2.3 OTHER HAZARDS

THE PREPARATION CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT (WEL)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS MIXTURE OF ORGANIC SOLVENT AND RED DYE

<u>Hazardous Substances</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
HEXYLENE-GLYCOL	107-41-5	203-489-0	Skin Irrit. 2 H315; Eye Irrit. 2 H319	0 -3%

Product Name:	Surface Tension Test Ink (Red) 59-71 Dynes/cm	SDS Reference	05
----------------------	--	----------------------	----

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	No special first aid measures necessary.
Skin contact	Clean areas of skin affected with soap and plenty of water.
Eye contact	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary (e.g. irritation persists) consult an eye specialist/ophthalmologist.
Ingestion	No special first aid measures necessary.
4.2 Most important effects/symptoms	None known. .
4.3 Immediate/special treatment	Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder).
5.2 Special hazards	The product is non flammable. Decomposition products released in a fire should be considered as probably harmful if inhaled.
5.3 Advice for fire fighters	Wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Adhere to personal protective measures.
6.2 Environmental precautions	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed.
6.4 Reference to other sections	See section 8 for personal protective equipment.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice. Keep away from incompatible substances.
7.2 Conditions for safe storage	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry.
7.3. Specific end use(s)	For wetting tension 59-71 dynes/cm

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2011).
	LTEL (8 hour TWA): 23 ppm 123 mg/m ³ WEL for hexylene glycol
	STEL (15min): 23 ppm 123 mg/m ³ WEL for hexylene glycol

8.2 Exposure controls

Product Name:	Surface Tension Test Ink (Red) 59-71 Dynes/cm	SDS Reference	05
----------------------	--	----------------------	----

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation). Take measures against the build up of static electricity.
Personal protection	Observe normal standards for handling chemicals. Avoid inhalation, and contact with eyes and skin Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if splashing
Skin protection	Rubber gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Should not be required.
Other protection	Protective overall



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form	Liquid
Colour	Red Food Colour 1%
Odour	Not determined
pH	Not determined
Boiling pt / range	100-195 °C
Melting pt / range	-40 to 0. °C
Flash point	>100 °C
Flammability	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not determined
Auto-ignition temperature	Not applicable
Decomposition temp.	Not applicable
Relative density	Not determined
Viscosity	Not determined
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	miscible
Explosive limits	Lower: % (v/v) Higher: % (v/v) Not determined
Oxidising properties	Not determined
Partition coeff. Log_{Oct/water}	Not determined
9.2 Other information	None known

Product Name:	Surface Tension Test Ink (Red) 59-71 Dynes/cm	SDS Reference	05
----------------------	--	----------------------	----

10. STABILITY AND REACTIVITY

10.1 Reactivity	Not determined
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	Not determined
10.4 Conditions to avoid	Not determined
10.5 Incompatible material	The product is incompatible with bases, acids, strong oxidising agents
10.6 Hazardous decomposition products	Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	3700 mg/kg	Data for Hexylene-glycol
	LD ₅₀ rabbit (dermal)	8560 mg/kg	Data for Hexylene-glycol
Dermal compatibility	465 mg MOD – rabbit skin (data for Hexylene-glycol)		
Mucous membrane compatibility	24mg MOD – rabbit eye (data for Hexylene-glycol)		
	93 mg SEV – rabbit eye (data for Hexylene-glycol)		

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀	Aquatic organisms	mg/l	No data available
12.2 Degradability	No data available .			
12.3 Bioaccumulative potential	No data available			
12.4 Mobility in soil	Not determined			
12.5 PBT/vPvB assessment	Does not meet criteria.			
12.6 Other adverse effects	None known.			

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal	In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005. Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.
---------------------------	---

14. TRANSPORT INFORMATION

14.1 United Nations number ADR, IMDG, IATA	Not classified
14.2 Proper shipping name ADR, IMDG, IATA	Not classified
14.3 Transport class(s) ADR, IMDG, IATA	Not classified

Product Name:	Surface Tension Test Ink (Red) 59-71 Dynes/cm	SDS Reference	05
----------------------	--	----------------------	----

14. TRANSPORT INFORMATION

14.4 Packing group ADR, IMDG, IATA	Not classified
14.5 Environmental hazards ADR, IMDG, IATA	The product should NOT be marked as an environmentally hazardous substance
14.6 Special procedures ADR, IMDG, IATA	Not applicable
14.7 Transport in bulk ADR, IMDG, IATA	Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations	The product is classified in accordance with EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.
15.2 Chemical safety assessment	The product has not been the subject of a Chemical Safety Report

16. OTHER INFORMATION

Further information	The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP), <u>Risk phrases for the components (given in section 3)</u> H315: Causes skin irritation. H319: Causes serious eye irritation.
Sources of data	Other suppliers' safety data sheets, Approved Supply List, EH40/2005
Date of issue	01-06-2015

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, insequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.