

## SAFETY DATA SHEET

### S 1922 CLEAR & RED

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#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

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**PRODUCT NAME:** S 1922 CLEAR & RED  
**PART No.:** 1922CL205/1922RD205/233  
**APPLICATIONS:** Sprayable Polychloroprene Adhesive  
**SUPPLIER:** Norcros Adhesives  
Longton Road,  
Trentham,  
Stoke on Trent, ST4 8JB  
Tel: 01782 591100  
Fax: 01782 591101

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#### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

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NAME			CONTENT
<b>CAS No.:</b>	<b>EINECS Nr.:</b>	<b>CLASSIFICATION</b>	
PETROLEUM HYDROCARBON DISTILLATE		Xn ,F ,N R-11, 38, 51/53, 65, 67	30-60 %
PARATERTIARYBUTYLPHENOL 98-54-4		Xn ,Xi R-22, 36/37/38	1-5 %
ACETONE 67-64-1	200-662-2	Xi ,F R-11, 36, 66, 67	10-30 %
TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	5-10 %
BUTANONE 78-93-3	201-159-0	Xi ,F R-11, 36, 66, 67	5-10 %
METHANOL 67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	0-1 %
ETHANOL 64-17-5	200-578-6	F R-11	1-5 %

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

**COMPOSITION COMMENTS:** Polychloroprene based adhesive in petroleum solvent

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#### 3. HAZARDS IDENTIFICATION:

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Highly flammable. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

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#### 4. FIRST AID MEASURES:

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<b>GENERAL:</b>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<b>INHALATION:</b>	Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.
<b>INGESTION:</b>	DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention immediately! NOTE! Keep affected person away from heat, sparks and flames!
<b>SKIN:</b>	Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
<b>EYES:</b>	Remove victim immediately from source of exposure. 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. Contact physician if irritation persists.

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#### 5. FIRE FIGHTING MEASURES:

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<b>EXTINGUISHING MEDIA:</b>	Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Move container from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition.

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#### 6. ACCIDENTAL RELEASE MEASURES:

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<b>SPILL CLEANUP METHODS:</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers.
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#### 7. HANDLING AND STORAGE:

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<b>USAGE PRECAUTIONS:</b>	Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. Use explosion proof electric equipment. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
<b>STORAGE PRECAUTIONS:</b>	Keep in cool, dry, ventilated storage and closed containers. Keep in original container.
<b>STORAGE CRITERIA:</b>	Flammable liquid storage.

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

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INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
PETROLEUM HYDROCARBON DISTILLATE		OES	1000 mg/m3	
ACETONE	67-64-1	OES	750 ppm	1500 ppm
TOLUENE	108-88-3	OES	50 ppm(Sk)	150 ppm(Sk)
BUTANONE	78-93-3	OES	200 ppm(Sk)	300 ppm(Sk)
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)
ETHANOL	64-17-5	OES	1000 ppm	No std.

<b>INGREDIENT COMMENTS:</b>	OES = Occupational Exposure Standard.
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**PROTECTIVE EQUIPMENT:**

<b>VENTILATION:</b>	Maintain efficient ventilation/extraction using flameproof equipment where necessary. Spraying should be carried out in a spray booth equipped with efficient local extraction.
<b>RESPIRATORS:</b>	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
<b>PROTECTIVE GLOVES:</b>	Use protective gloves.
<b>EYE PROTECTION:</b>	Wear approved safety goggles.
<b>OTHER PROTECTION:</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>HYGIENIC WORK PRACTICES:</b>	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

<b>APPEARANCE:</b>	Liquid. Amber or Red		
<b>ODOUR/TASTE:</b>	Organic solvents.		
<b>BOILING POINT (°C, interval):</b>	56 - 80	<b>Pressure:</b>	
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.79 - 0.81	<b>Temperature (°C):</b>	20
<b>VOLATILE BY VOL. (%):</b>	67		
<b>VISCOSITY (interval):</b>	120 - 280 cps	<b>Temperature (°C):</b>	*20
<b>FLASH POINT (°C):</b>	- 18	<b>Method:</b>	CC (Closed cup).
<b>FLAMMABILITY LIMIT - LOWER(%):</b>	0.9		
<b>FLAMMABILITY LIMIT - UPPER(%):</b>	13		

**10. STABILITY AND REACTIVITY:**

<b>STABILITY:</b>	Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid heat.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

**11. TOXICOLOGICAL INFORMATION:**

<b>INHALATION:</b>	Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Vapour from this chemical can be hazardous when inhaled. Solvent vapours are hazardous and may cause nausea, sickness and headaches.
<b>INGESTION:</b>	May cause stomach pain or vomiting.
<b>SKIN:</b>	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**EYES:** Irritation of eyes and mucous membranes.

**MEDICAL SYMPTOMS:** Irritation of eyes and mucous membranes.

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## 12. ECOLOGICAL INFORMATION:

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**ECOLOGICAL INFORMATION:** Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

**WATER HAZARD CLASSIFICATION:** Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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## 13. DISPOSAL CONSIDERATIONS:

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**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

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## 14. TRANSPORT INFORMATION:

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**LABEL FOR CONVEYANCE:**



**UN No. ROAD:** 1133  
**ADR CLASS No.:** 3  
**ADR CLASS:** Class 3: Flammable liquids.  
**ADR LABEL No.:** 3  
**HAZCHEM CODE:** 3[Y]E  
**CEFC TEC(R) No.:** 30G80  
**PROPER SHIPPING NAME I:** ADHESIVES containing flammable liquid  
**RID CLASS No.:** 3  
**UN No. SEA:** 1133  
**IMDG CLASS:** 3  
**UN No., AIR:** 1133  
**ICAO CLASS:** 3

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## 15. REGULATORY INFORMATION:

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**LABEL FOR SUPPLY:**



<b>RISK PHRASES:</b>	R-11 Highly flammable. R-36/38 Irritating to eyes and skin. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-67 Vapours may cause drowsiness and dizziness.
<b>SAFETY PHRASES:</b>	S-16 Keep away from sources of ignition - No Smoking. S-23A Do not breathe gas/fumes/vapour/spray. S-24/25 Avoid contact with skin and eyes. S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-37 Wear suitable gloves. S-51 Use only in well ventilated areas. S-60 This material and its container must be disposed of as hazardous waste. S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets. S-9 Keep container in a well ventilated place.
<b>UK REGULATORY REFERENCES:</b>	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.
<b>ENVIRONMENTAL LISTING:</b>	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.
<b>EU DIRECTIVES:</b>	System of specific information relating to Dangerous Preparations. 91\155. Dangerous Substance Directive 67\548. Dangerous Preparations Directive 88\379.
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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## 16. OTHER INFORMATION:

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<b>INFORMATION SOURCES:</b>	Dangerous Properties of Industrial Materials Report, N.Sax et.al.
<b>REVISION COMMENTS:</b>	ISSUE 7
<b>REVISION DATE:</b>	JULY 2002
<b>DISCLAIMER:</b>	This information is accurate to the best knowledge of Norcros Adhesives and is given on the understanding that the product will be used in accordance with any instructions given with this product. Should any use be contemplated outside these instructions then appropriate advice should be sought.
<b>PRINTING DATE:</b>	2002-07-16
<b>R-PHRASES (Full Text):</b>	R-22 Harmful if swallowed. R-36/37/38 Irritating to eyes, respiratory system and skin. R-11 Highly flammable. R-38 Irritating to skin. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-67 Vapours may cause drowsiness and dizziness. R-36 Irritating to eyes. R-66 Repeated exposure may cause skin dryness or cracking. R-20 Harmful by inhalation. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.