



SAFETY DATA SHEET

ROCOL Penetrating Spray

14021 1.00 GB Current 13.06.1996

SAFETY DATA SHEET Ref. No. 14021							
1. PRODUCT AND COMPANY IDENTIFICATION							
Trade Name Manufacturer/Supplier Address Phone Number Fax Number Emergency Phone Number	ROCOL Penetrating Spray ROCOL Limited ROCOL House, Swillington, Leeds, LS26 8BS, ENGLAND. +44 (0)113 2322700 +44 (0)113 2322760 +44 (0)113 2322600						
2. COMPOSITION/INFORMATION ON THE COMPONENTS							
Hazardous Components in Product for EC Component Name 1. No constituents need to be specified.	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Concentration</th> <th style="text-align: left; border-bottom: 1px solid black;">R Phrases</th> <th style="text-align: left; border-bottom: 1px solid black;">Classification</th> </tr> <tr> <td>0.00 - 100.00</td> <td></td> <td></td> </tr> </table>	Concentration	R Phrases	Classification	0.00 - 100.00		
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0.00 - 100.00							
3. HAZARD IDENTIFICATION							
Main Hazards Health Effects - Eyes Health Effects - Skin Health Effects - Ingestion Health Effects - Inhalation	Not classified as hazardous. Liquid may cause slight transient irritation. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Swallowing may have the following effects:- nausea, drowsiness. Exposure to vapour at high concentrations may have the following effects:- drowsiness.						
4. FIRST AID MEASURES							
First Aid - Eyes First Aid - Skin First Aid - Ingestion First Aid - Inhalation	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists. Wash skin with soap and water. Apply a reconditioning skin cream. Do not induce vomiting. Obtain medical attention. Remove from exposure. Seek medical attention if you feel unwell.						
5. FIRE FIGHTING MEASURES							
Extinguishing Media Unsuitable Extinguishing Media Special Hazards of Product Protective Equipment for Fire-Fighting	Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray. Do not use water jet. Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire. Wear self contained breathing apparatus.						
6. ACCIDENTAL RELEASE MEASURES							
Personal Precautions	Eliminate all sources of ignition. Ventilate the area. Wear appropriate protective clothing. Material can create slippery conditions underfoot.						
MSDS.EN Page 1 of 4							



SAFETY DATA SHEET
ROCOL Penetrating Spray
14021 1.00 GB Current 13.06.1996

6. ACCIDENTAL RELEASE MEASURES (continued)	
Environmental Precautions Spillages	Try to prevent the material from entering drains or water courses. Allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.
7. HANDLING AND STORAGE	
Handling Storage	Use in well ventilated area. Storage area should be: out of direct sunlight. Storage temperature should be kept below 50 °C.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Engineering Control Measures Respiratory Protection Hand Protection Eye Protection Body Protection Protection During Application	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely. Respiratory protection if there is a risk of exposure to high vapour concentrations. Use a good quality barrier cream. Chemical goggles if there is a risk of eye contact. Normal work wear. During application, adequate ventilation must be provided.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State Colour Odour Boiling Range/Point (°C) Flash Point (PMCC) (°C) Explosion Limits (%) Solubility In Water (kg/m3) Vapour Pressure (mm.Hg./20 °C) Density (kg/m3) Auto-flammability (°C) Viscosity (cSt) Vapour Density (Air = 1) Evaporation Rate	Liquid. Pale. Grey. Characteristic. 195 70 0.9 to 8.0. (based on major component) Insoluble. <1 0.83. (measured as kg/litre) Above 200. Mobile liquid at ambient temperatures. Heavier than air. <0.1 (referenced as n-butyl acetate = 1)
10. STABILITY AND REACTIVITY	
Stability Conditions to Avoid Materials to Avoid Hazardous Decomposition Products	Stable under normal conditions. Exposure to direct sunlight. Temperatures in excess of 50 °C. Strong oxidising agents. Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility.
MSDS.EN	
Page 2 of 4	



SAFETY DATA SHEET
ROCOL Penetrating Spray
14021 1.00 GB Current 13.06.1996

10. STABILITY AND REACTIVITY (continued)	
Combustion may also generate: oxides of sulphur.	
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	Low order of acute toxicity.
12. ECOLOGICAL INFORMATION	
Mobility	The product is insoluble in water. If released to water the product will float. The product will leach into soil.
Persistence/Degradability	The product is expected to be resistant to biodegradation.
Bio-accumulation	Product is not expected to bioaccumulate.
13. DISPOSAL	
Container Disposal	Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorised landfill. Do not incinerate closed containers.
14. TRANSPORT INFORMATION	
UN Number	1950
UN Proper Shipping Name	Aerosols, flammable, n.o.s.
UN Class	2.1
UN Packaging Group	II
ADR/RID Substance Identification Number	1950
ADR/RID - Description	Aerosols.
ADR/RID - Class	2
ADR/RID - Item No.	10(b)2
IMDG - Proper Shipping Name	Aerosol Dispensers.
IMDG - Packaging Group	II
IMDG - Class	9
IMDG - Marine Pollutant	No.
IMDG - Ems Number	2-13
IMDG - MFAG Table Number	310
IATA - Proper Shipping Name	Aerosols, flammable, n.o.s.
IATA - Packaging Group	II
IATA - Class	2.1
Tremcard No. TEC(R)	20G26
15. REGULATORY INFORMATION	
R phrases	None.
S phrases	None.
MSDS.EN	



Product Use

For industrial use only. Release of seized components.

MSDS first issued

13 June 1996

MSDS data revised

EC Legislation

EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations.
EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.
EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.