

## EC-Material Safety Data Sheet according 91/155/EWG

Date: 17.12.08    Revision Date: 06.04.04    Replaces: 29.01.03    Ref: 0013.1/A(JR)    Page 1 of 4

### **1. Chemical product and company identification**

Tradename:                    **TECTANE PENETRATING OIL with MoS<sub>2</sub> 4960056**

Manufacturer/Supplier:    Siroflex Ltd  
Dodworth Business Park, Dodworth  
Barnsley, South Yorkshire  
England, S75 3SP

Telephone: 01226 771600                    Telefax: 01226 771601

### **2. Composition/information on ingredients**

Chemical characteristics:

Penetrating Oil based on mineral oils, petroleum and molybdansulfide.

Propellant: Propane/Butane mixture.

Hazardous components:

CAS-Number	Hazardous components	Concentr.-%	Symbols	R-phrases
74-98-6/106-97-8	Propane/Butane	30-50	F+	12
8002-05-9	Petroleum	40-50	Xn	65, 66
111-76-2	Butylglycol	1-3	Xn	20/21/22, 36/38

### **3. Possible dangers**

Extremely flammable. In use, may form flammable/explosive vapour-air mixture, particularly on the ground.  
Harmful: may cause lung damage if swallowed. Harmful by inhalation, in contact with skin and if swallowed.  
Irritant. Irritating to eyes and skin. Repeated exposure may cause skin dryness or cracking.

### **4. First-aid measures**

Inhalation:

Ensure supply of fresh air. Use mouth-to-mouth or mouth-to-nose resuscitation.

Eye contact:

Rinse thoroughly with plenty of water at open eye lid and seek medical advice.

Skin contact:

Wash with plenty of water and soap. After that moisture the skin.

Further information: After swallowing immediately consult a doctor for medical advise.

### **5. Fire-fighting measures**

Suitable extinguishing media: foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media: water spray jet

<b>EC-Material Safety Data Sheet according 91/155/EWG</b> <b>TECTANE PENETRATING OIL with MoS2 4960056</b>
---

Date: 17.12.08      Revision Date: 06.04.04      Replaces: 29.01.03      Ref: 0013.1/A(JR)      Page 2 of 4

---

### **6. Accidental release measures**

Environmental measurements:

Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers

Cleaning-up method:

Absorb or contain liquid with sand, earth or spill control material. Sort out leaking cans and dispose off.

---

### **7. Handling and storage**

Handling:

Use only in well-ventilated areas. Keep away from sources of ignition. Do not smoke. Do not spray in eyes. Protect against solar radiation.

Storage:

Observe storage regulations for aerosols (in Germany TRG 300). Store in well-ventilated areas only. Storage temperature never above 50°C . Do not carry in car-interior.

---

### **8. Exposure controls and personal protection**

Contains propane/butane (MAC-value 1000 ppm), butylglycol (MAC-value 20 ppm) and petroleum (MAC-value 100 ppm).

Respiratory protection: In unventilated areas.

Eye protection: Wear goggles during treatment of large quantities

Skin protection: Wear protective gloves.

Industrial hygiene:

After work-time and during work intervals the affected skin areas must be thoroughly cleaned.

At work do not eat, drink, smoke or take drugs.

---

### **9. Physical and chemical data**

Physical state	Aerosol		
Colour:	Grey		
Odour:	Characteristic like mineral oil		
Change of physical state:	Not applicable		
Flash point:	Not applicable		
Ignition point (spray mist)	>250°C		
Explosion limits	Lower: 1,2 Vol.%	upper:	no data available
Vapour pressure [mbar]:	20°C: 3,8	50°C:	7,1
Density at 20°C [g/ml]:	0,69		
solubility:	Insoluble at water		
Octanol/water partition coefficient at 20°C	No data available		
Viscosity (mpas) at 20°C	No data available		

<b>EC-Material Safety Data Sheet according 91/155/EWG</b> <b>TECTANE PENETRATING OIL with MoS<sub>2</sub> 4960056</b>
--

Date: 17.12.08      Revision Date: 06.04.04      Replaces: 29.01.03      Ref: 0013.1/A(JR)      Page 3 of 4

---

**10. Stability and reactivity**

Thermal decomposition :  
None at appropriate use.

Hazardous decomposition products  
None at appropriate use.

Hazardous reactions:  
At temperatures above 50°C danger of exploding cans.

---

**11. Toxicological information**

Inhalation of solvent vapours can lead to narcotic aspects.

---

**12. Ecological information**

Water hazard class: 2 (self-classification)  
Watercontaminating. Do not allow to enter soil, waterways or waste water.

---

**13. Waste disposal considerations**

For recycling, consult waste disposal centres.  
EAK-Number:                      16 05 04

---

**14. Transport**

ADR/RID:

Name:	Aerosols	
UN-Number: 1950	Class: 2	Classification code: 5 F
Limited Quantities: LQ2	Danger label: 2.1	

IMGD-code:

Name:	Aerosols
UN-Number: 1950	Class: 2
EmS-Nr.: F-D, S-U	Marine pollutant: no

ICAO/IATA-DGR:

Name:	Aerosols, flammable
UN-Number: 1950	Class: 2.1

---

**EC-Material Safety Data Sheet according 91/155/EWG**  
**TECTANE PENETRATING OIL with MoS2 4960056**

Date: 17.12.08      Revision Date: 06.04.04      Replaces: 29.01.03      Ref: 0013.1/A(JR)      Page 4 of 4

---

**15. Regulatory information**

The product is classified and labelled in accordance with EC directives / German regulations on dangerous substances.



Symbol:

Dangers:            Extremely flammable

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. In use, may form flammable/explosive vapour-air mixture. Do not breathe spray. Use only in well ventilated areas. Dispose of this material and its container to hazardous or special waste collection point. For proper disposal empty aerosol can completely.

---

**16. Additional information**

Duplication without changes of the original version is allowed.

---

These informations are based on our present state of knowledge. They describe our product in view of the requirements for safety. They do not assure certain properties of the product. A legal relationship is not vested.