

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 06/07/2005

Version 1

Reviewed on 05/19/2005

1 Identification of substance

- Product details

- Trade name:

ROCSIL FOAM Resin

- Application of the substance / the preparation

Cavity filling

- Manufacturer/Supplier:

A. WEBER S.A.
94, avenue de la Paix
F-57520 ROUHLING
+33 (0)6 76 48 63 02

Tel : +33 (0)3 87 27 27 80
Fax : +33 (0)3 87 27 27 81
E-mail: in@weber-polymers.com

- Emergency information:

2 Composition/Data on components

- Chemical characterization

- Description:

Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:

108-95-2	phenol
107-21-1	ethanediol
50-00-0	formaldehyde

3 Hazards identification

- Hazard description:

Harmful

- Information pertaining to particular dangers for man and environment:

The product has to be labelled due to the calculation procedure of international guidelines.
Harmful by inhalation, in contact with skin and if swallowed.
May cause sensitisation by skin contact.
Possible risk of irreversible effects.

- Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- NFPA ratings (scale 0 - 4)

 Health = 2
Fire = 1
Reactivity = 0

- HMIS-ratings (scale 0 - 4)

 Health = *2
Fire = 1
Reactivity = 0

4 First aid measures

- General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact:

Immediately wash with water and soap and rinse thoroughly.

- After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

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· **After swallowing:** Immediately call a doctor.

5 Fire fighting measures

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
 · **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

· **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
 · **Measures for environmental protection:** Dilute with plenty of water.
 Do not allow to enter sewers/ surface or ground water.
 · **Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose contaminated material as waste according to item 13.
 Ensure adequate ventilation.

7 Handling and storage

· **Handling:**
 · **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
 · **Information about protection against explosions and fires:** No special measures required.
 · **Storage:**
 · **Requirements to be met by storerooms and receptacles:** Provide floor trough without outlet.
 · **Information about storage in one common storage facility:** Not required.
 · **Further information about storage conditions:** Keep receptacle tightly sealed.

8 Exposure controls and personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Components with limit values that require monitoring at the workplace:**

108-95-2 phenol	
PEL	19 mg/m ³ , 5 ppm Skin
REL	Short-term value: C 60* mg/m ³ , C 15.6* ppm Long-term value: 19 mg/m ³ , 5 ppm *15-min
TLV	19 mg/m ³ , 5 ppm Skin; BEI
107-21-1 ethanediol	
TLV	Short-term value: C 100 mg/m ³ (H)

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PEL	Short-term value: 2 ppm Long-term value: 0.75 ppm see 29 CFR 1910.1048
REL	Short-term value: C 0.1* ppm Long-term value: 0.016 ppm *15-min
TLV	Short-term value: C 0.37 mg/m ³ , C 0.3 ppm SEN

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing.
 - Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes and skin.
- **Breathing equipment:**
 - In case of brief exposure or low pollution use respiratory filter device.
 - In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
 - Protective gloves and protective skin cream
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
 - The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** Use protective suit.

9 Physical and chemical properties

· General Information

Form:	Liquid
Color:	Reddish Brown
Odor:	Characteristic

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: > 100°C (> 212°F)

- **Flash point:** > 100°C (> 212°F)
- **Ignition temperature:** 370°C (698°F)
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C (68°F):** 1.2 g/cm³

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· Solubility in / Miscibility with Water:	Fully miscible.
· pH-value at 20°C (68°F):	7
· Viscosity: Dynamic at 20°C (68°F):	1300 mPas

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions: Exothermic reaction with acids.
- Dangerous products of decomposition: Possible in traces.

11 Toxicological information

- Acute toxicity:

- LD/LC50 values that are relevant for classification:

108-95-2 phenol

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

50-00-0 formaldehyde

Oral	LD50	>200 mg/kg (rat)
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- Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: No irritating effect.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant

12 Ecological information

- General notes: Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

- Product:
- Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

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14 Transport information

· DOT regulations:	
· Hazard class:	-
· Packing group:	III
· Land transport ADR/RID (cross-border):	
· ADR/RID class:	-
· Maritime transport IMDG:	
· IMDG Class:	-
· Marine pollutant:	No
· Air transport ICAO-TI and IATA-DGR:	
· ICAO/IATA Class:	-

15 Regulations

· Sara

· Section 355 (extremely hazardous substances):		
108-95-2	phenol	
50-00-0	formaldehyde	
· Section 313 (Specific toxic chemical listings):		
108-95-2	phenol	
107-21-1	ethanediol	
50-00-0	formaldehyde	
· TSCA (Toxic Substances Control Act):		
All ingredients are listed.		
· Proposition 65		
· Chemicals known to cause cancer:		
50-00-0	formaldehyde	
· Chemicals known to cause reproductive toxicity:		
None of the ingredients is listed.		
· Cancerogenity categories		
· EPA (Environmental Protection Agency)		
108-95-2	phenol	D
· IARC (International Agency for Research on Cancer)		
7631-86-9	silicon dioxide, chemically prepared	3
108-95-2	phenol	3
50-00-0	formaldehyde	2A
· NTP (National Toxicology Program)		
50-00-0	formaldehyde	R
· TLV (Threshold Limit Value established by ACGIH)		
108-95-2	phenol	A4
107-21-1	ethanediol	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
None of the ingredients is listed.		
· OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

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· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols:**



Harmful

· **Hazard-determining components of labelling:**

phenol
formaldehyde

· **Risk phrases:**

Harmful by inhalation, in contact with skin and if swallowed.
May cause sensitisation by skin contact.
Possible risk of irreversible effects.

· **Safety phrases:**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
After contact with skin, wash immediately with plenty of water.
Wear suitable protective clothing, gloves and eye/face protection.
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
This material and its container must be disposed of as hazardous waste.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Quality Department
- **Contact:** Isabelle Nodari