

**BioShield Penetrating Oil Sealer # 5**

Material Safety Data Sheet in accordance with 91/155/EEC

Issued: 01.02.04

**1 Section****Chemical Product and Company Identification**

MSDS Name: **Penetrating Oil Sealer**

Product Group : Surface Treatment

Catalog Numbers : **5**

Synonyms : Oil Sealer, Primer

Company Identification : Eco Design Co.  
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Santa Fe, NM 87507  
Phone : +1-(505) 438-3448  
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**2 Section****Composition, Information on Ingredients**

Clarified Linseed Oil

**Hazardous Ingredients:** None**3 Section****Hazards Possibilities**

Does not require a hazard warning label, but the normal safety precautions for handling of chemicals must be observed

**Appearance:** .**Labelling:** None**Eye:****Skin:****Ingestion:****Inhalation:** .**Chronic:**

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**4 Section****First Aid Measures****General Information:** None**Eye :** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing clothing and shoes. Wash clothing before reuse.**Ingestion:** Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water..**Inhalation:** None**Notes to Physician:** Treat symptomatically and supportively.**5 Section****Fire Fighting Measures****General Information:** As in any fire, wear self-contained breathing apparatus in pressure-demand, MSHA / NIOSH (approved or equivalent), and full protective gear. Vapours may form an explosive mixture with air.**Extinguishing Media:** For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire exposed containers. Water may be ineffective. Use agent most appropriate to extinguish fire. Do NOT use straight streams of water.**6 Section****Accidental Release Measures****General Remarks:** Forms slippery layers**Methods for Cleaning up / Taking up :**

Vacuum up spilled product.

**Environmental Precautions:**

Do not allow to enter drains or waterways. Dry up leftover contents and remove with household garbage.

**Additional Remarks :**

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**7 Section****Handling and Storage**

**Hints on safe handling :** Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty containers may retain product residue. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Wash clothing before reuse. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

**Storage Conditions:** Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area dry and above 0°C

**Additional Remarks:** Organic fabrics soaked with this product may spontaneously auto ignite.  
**Oil soaked rags are self-combustible and should be discarded in a water-filled Container or burned in accordance to local regulations.**

**8 Section****Exposure Controls, Personal Protection**

**Exposure Limits:** N/A

**Personal Protective Equipment:**

**Eye:** Use safety glasses when spraying.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Provide adequate ventilation during application and drying time.

**9 Section****Physical and Chemical Properties**

<b>Appearance:</b>	Viscous Liquid	
<b>Physical State:</b>	Liquid	
<b>Odor:</b>	typical	
<b>pH:</b>	N/A	
<b>Vapor Pressure:</b>	n.a.	DIN 51 562
<b>Vapor Density:</b>	n.a.	
<b>Evaporation Rate:</b>	n.a.	
<b>Viscosity:</b>	14s/4mm	DIN 53211
<b>Boiling Point/Range:</b>	n.a.	DIN 51 751/51, DIN 52 211

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<b>Freezing / Melting Point:</b>	n.a.	
<b>Autoignition Temperature:</b>	n.a.	
<b>Flash Point:</b>	63 °C	DIN 51 755/51 758
<b>NFPA Rating:</b>	not published	
<b>Exposure Limits, Lower:</b>	0,8 %	
<b>Upper:</b>	n.a.	
<b>Decomposition Temperature:</b>	n.a.	
<b>Solubility:</b>	in water not soluble	
<b>Specific Gravity/Density:</b>	0,83 g/cm <sub>3</sub> , 20°C	DIN 51 757

**10 Section****Stability and Reactivity****Conditions to avoid:** None reported**Incompatibilities with Other Material:** None**Hazardous Decomposition Products:** None**Hazardous Polymerization:** None**11 Section****Toxicological Information****Acute Toxicity:** None reported**Carcinogenity:** None reported**Sensitization:** None reported**Other Studies:****Experiences made in Practice:** No negative results reported**Additional Remarks:****12 Section****Ecological Information****General Remarks:** Because of its consistency the product cannot be dispersed in the environment. Adverse ecological effects are therefore unlikely on the basis of current knowledge.

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**13 Section****Disposal Considerations**

**Product:** In accordance with the necessary technical regulations, may be dumped, when solidified, with household waste, after consultation with site operator and with the responsible authority.

**Packaging:** Completely emptied packaging can be given for recycling.

**RCRA P-Series:** none listed

**RCRA U-Series:** none listed

**14 Section****Transport Information**

**Labeling:** No dangerous goods, no labeling necessary

**US DOT**

**UN-No. :** N/A

**Hazard Class:** N/A

**Packing Group:** N/A

**Canadian TDG:** N/A

**IMDG + GGVSee:** N/A

**Class:** N/A

**Packing Group :** N/A

**Page :** N/A

**IATA :**

**Class :**

**Page :**

**German Regulations:**

**ADR/GGVS, RID/GGVE:**

**Kemmler-No.:** N/A.

**EMAC** N/A

**GGSV:** N/A

**Klasse:** N/A

**Ziffer :** N/A

**Anhang B.8:** N/A

**Gefahrzettel:** N/A.

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**15 Section****Regulatory Information****European / international regulations**

European Labeling in Accordance with EC Directives:

The product **does not** require a hazard warning label in accordance with EC directives/the relevant national laws.

Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

**Risk Phrases:** R 41, Risk of serious damage to eyes**Safety Phrases:** S 2, Keep out of the reach of children**WGK (Water/Danger Protection):****Exposure Limits:****16 Section****Additional Information**

This 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 way shall the company be liable for any claims, losses, or damage of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.