

**Cat. No. 817 & 892 Wenol and Pol**

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**Material Safety Data Sheet (2-96)**

**Note: This MSDS is in the process of being updated.**

**Please contact Ted Pella, Inc. for a copy of the most current version**

**Section 1 Product Identification:**

Product Name: Wenol and Pol metal polish  
 Chemical Family: Solvent detergents  
 Formula: NA

**Section 2 Physical Data:**

Boiling Point: NA  
 Melting Point: NA  
 Relative Vapor Density: NA  
 Density (20°C): 1.1 - 1.2 g/ml  
 Solubility in water: miscible (at 20°C) mg/l  
 Appearance and Odor: Pink paste, ammonia like odor

**Section 3 Hazardous Ingredients Data:**

Hazardous Ingredients	CAS No	Concentration
hydrocarbons	NA	>5
fatty acid amide	NA	1-20
aluminum oxide	1344-28-1	>5
ammonia	7664-41-7	0,1-3

Ingredients with threshold Limit values to Be Monitored:

8.2.1 CAS-No.:	Ingredient	Type	Value	Unit
1344-28-1	aluminum oxide	MAK	6	mg/m <sup>3</sup>
7664-41-7	ammonia	MAK	50	ppm

Hazards information, Health and Safety: none

Toxicological Information Experienced on Man: No toxicological information available

**Section 4 Fire and Explosion Hazard Data:**

Flash Point: 51.5°C

Ignition Temperature: NA

Self Ignition Temperature: NA

Fire Supporting Properties: NA

Danger of Explosion: NA

Explosion Limits: LEL: NA, UEL: NA

Fire Extinguishing Media: Water spray jet, foam, dry powder, carbon dioxide.

Unsuitable extinguishing media for safety reasons: Full water jet

Fire and explosion hazard: May form organic crack products, carbon oxides and nitrogen oxides in fire.

Special Protective Equipment: Use self-contained breathing apparatus.

**Section 5 Health Hazard Data:**

Health and Safety: None

Threshold Limit Value: NA

Effects of Over exposure: NA

**Section 6 Emergency First Aid Procedures:**

General Information: Good laboratory hygiene practices should be observed.

Inhalation: Remove from exposure to fresh air. In the event of symptoms refer for medical treatment.

Skin contact: Wash well with soap and plenty of water. In the event of symptoms refer for medical treatment.

Eye Contact: Flood eyes thoroughly (keeping the eyelids apart) for at least ten minutes, using tap water. Seek medical attention.

Ingestion: Wash out mouth with plenty of water. Give water to drink. Do not induce vomiting. Seek medical attention.

**Section 7 Reactivity Data:**

Stability: Stable.

Incompatibilities (materials to avoid): Possibility of violent reactions in contact with strong oxidizing agents and acids.

Conditions to Avoid: excess of heat, greater than 45°C

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None when used as directed.

**Section 8 Exposure Control and Limits/ Personal Protection**

Additional advice on equipment design: Ensure not to exceed threshold limit values (see Section 3 Hazardous Ingredients Data).

General Protective Hygienic Actions: Good laboratory hygiene practices should be observed. Avoid contact with skin and eyes. Do not breathe fumes and vapor. When using do not eat, drink or smoke.

Personal Protective Equipment:

Inhalation Mask: Breathing apparatus required in case of exceeding threshold limit values.

Protective Gloves: Resistant gloves recommended

Protective Glasses: Goggles or face shield recommended

Protective Clothes: Not applicable

**Section 9 Accidental Release Actions:**

Precautionary measures related to people: See "Section 8 Personal Protective Equipment".

Environmental protective measures: Prevent product from getting into drains / surface water / ground water.

Methods of cleaning / absorption: Remove mechanically. Caution: Slip hazard.

Ecological Information: Do not allow to enter soil, waterways or waste water.

Water Hazards Classification: 1 (Germany)

**Section 10 Waste Disposal:**

Product and packing must be disposed of in accordance with local and national regulations after consultation of the competent local authorities and the disposal company in a suitable and licensed facility.

**Section 11 Handling and Storage Precautions:**

Handling: Instructions on Safe Handling: Keep containers tightly closed. Avoid creating dust.

Information on Fire and Explosion Protection: No special requirements.

Storage: Requirements for Storage Areas and Containers: Solvent-proof floor. Store away from acids and oxidizing agents in a well-ventilated area.

**Section 12 Instructions for Transport**

Overland Transport: None required.

Shipment by Sea: UN No.: sea: 1263

IMDG.GGVSee-Code: Class 3.3

Ems-No.: 3-05

MFAG: 310

Marine pollutant: No

packing group: III

Correct technical name / Proper shipping name:

FARBE FLAMMABLE LIQUID

Air Transport: UN-/ID-No.: 1263

ICAO/IATA-Class: 3

packing group: III

Correct technical name / Proper shipping name: PAINT FLAMMABLE LIQUID  
packing instructions, Cargo: 310 Passenger: 309

Regulations not applicable: (Labeling according to EC regulation on hazardous substances; hazard symbols and signs; hazardous components to be indicated on label; R-Phrases; S-Phrases; special labelling of specific preparations; national regulations; instructions on restrictions for workers; technical guideline air.

NA: Not Available

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