

Confidential

## Product Safety Data Sheet Regulatory Information

Region:  
 Authorisation Status: Authorised, issued on 25.9.2000 / Dr. R. Knollmann  
 Reference number: 20706/440101 Issue: 2 (replaces 1/ 15.10.1998)  
 Product Name: **WENOL - all purpose metal-polish**

### 1. PRODUCT AND COMPANY IDENTIFICATION

Supplier: SCI, Scandicrafts, Inc.  
 P.O. Box 659, Camarillo, CA 93011  
 805/482-0791; Fax: 805/484-7971

Product Type: Metal Polishing Paste

Use: Cleaning and polishing metals

Appearance: Aluminium tube with screw cap containing coloured paste

Distributor: SCI, Scandicrafts, Inc.  
 P.O. Box 659, Camarillo, CA 93011  
 Phone: 805/482-0791; Fax: 805/484-7971

### 2. COMPOSITION

The Product contains the following hazardous components:

Ammonia solution (25%)	1-5%	C R34, R37
Kerosene 200-230	10-20%	R65
White Spirit 150/200N	10-20%	R10, R65, R51/53

Key to Risk Phrases

R10 Flammable

R34 Causes burns

R37 Irritating to the respiratory system

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

R65 Harmful: May cause lung damage if swallowed

**3. HAZARDS IDENTIFICATION**

This product possesses no known hazards to health

**4. FIRST-AID MEASURES**

Eye Contact: Irrigate eye immediately with copious amounts of water. Continue to rinse with water for 15 minutes.  
If irritation persists seek medical advice

Skin Contact: Wash with water until soapiness is removed.

Inhalation: Remove to fresh air and keep at rest until symptoms resolve.

Ingestion: Give water to drink to wash alkaline product into stomach.  
Milk may be used to reduce the irritant effects of kerosene. Do not induce vomiting.

**5. FIRE-FIGHTING MEASURES** (Note: per manufacturer on 12/12/01, the Wenol polish product is not considered flammable, because the viscosity is too high.)

Specific Dangers: Combustion products may include carbon monoxide, oxides of nitrogen, oxides of sulphur, unburnt hydrocarbons

Extinguisher Type: Use dry foam, dry chemical or water spray, carbon dioxide sand or earth to extinguish the fire

**6. ACCIDENTAL RELEASE MEASURES**

See also sections 8 and 13

Spillages of up to 5 litres, may be mopped up with a cloth.

Larger spillages: If possible ventilate the area. The spillage should be scooped into a suitable container for subsequent disposal. Consult your local waste authority, Environmental Protection Agency, local council or an expert on advice for disposal.

**7. HANDLING AND STORAGE**

Handling: Use in well ventilated areas, wear suitable gloves if prolonged exposure is anticipated.

Storage: Store in a cool dry frost free place, out of reach of children.

**8. EXPOSURE CONTROL AND PERSONAL PROTECTION:** see also section 7Occupational Exposure Limits:

The product contains white spirit which has an Occupational Exposure Limit of : OELsol 600mg/m<sup>3</sup> (8 hour Time Weighted Average)  
(Source: UK Document EH40 Occupational Exposure Limits UK)

Engineering Controls: Avoid contact with skin and eyes

Personal Protective Equipment:

Respiratory protection: None necessary under normal working conditions

Hand Protection: PVC or rubber gloves with prolonged use

Eye Protection: Chemical resistant goggles if eye contact can accidentally occur

Skin Protection: Wear an apron or coveralls if exposure is likely to be prolonged

The product does not present a significant hazard in normal use. Data above refers to prolonged contact with large quantities of product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<u>Physical State</u>	Paste
<u>Colour</u>	slightly red
<u>Odour</u>	Ammonia
<u>pH</u>	9.5 - 11.5
<u>Filled Product Density</u>	1.14 - 1.17
<u>Viscosity</u>	60000-90000 cps (20°C). More than $7 \times 10^{-4}$ m <sup>2</sup> /sec (40°C)
<u>Flashpoint</u>	130° F (as determined on 2/7/02)

**10. STABILITY AND REACTIVITY**

<u>Stability</u>	Stable
<u>Dangerous Reactions</u>	Avoid strong oxidising agents
<u>Decomposition Products</u>	none known - see section 5 for combustion products

**11. TOXICOLOGICAL INFORMATION:** see also section 2 and 3

This product contains white spirit and kerosene for which the following apply:

<u>Inhalation:</u>	Vapour concentrations above recommended exposure limits are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.
<u>Skin contact:</u>	Low order of toxicity, frequent or prolonged contact may cause dermatitis.
<u>Eye contact:</u>	Irritating but does not injure eye tissue.
<u>Ingestion:</u>	Minimal toxicity. The viscosity of this preparation mitigates the risk of aspiration into the respiratory system during ingestion or vomiting.

**12. ECOLOGICAL INFORMATION:**

See also Sections 6, 7, 13 and 15

This product contains 10-20% of white spirit which is highly volatile and will rapidly evaporate to the air if released into the environment. Based upon data for similar materials white spirit is classified as R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

White spirit is expected to biodegrade rapidly and be "readily" biodegradable according to OECD guidelines. It can degrade rapidly in air and is expected to be removed in a waste water treatment facility.

Although data exists to show that white spirit is not expected to persist in the aquatic environment, European Classification rules require that it be classified as as potentially causing long-term adverse effects in the aquatic environment.

**13. DISPOSAL CONSIDERATIONS**

<u>Consumer Instructions:</u>	Empty tubes may be disposed of with normal household waste.
<u>Bulk Quantities</u> (Unsold stock)	Dispose of in accordance with local, regional or national requirements. For further information contact your local waste authority.

#### 14. TRANSPORT INFORMATION

Not classified as hazardous for international transport by land, sea or air.

National transport regulations may apply.

#### 15. REGULATORY INFORMATION

This preparation not classified as dangerous under The Chemical (Hazard Information and Packaging Regulations) 1994 No. 3247 or Council Directive 89/379/EEC of 7 June 1988 relating the Classification, Packaging and Labelling of Dangerous preparations.

The following safety phrases are appropriate

Keep out of reach of children.      Avoid contact with skin and eyes.

If swallowed seek medical advice immediately and show this container or label.

#### 16. OTHER INFORMATION

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product for a purpose other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product.

All information contained herein is included only to assist the recipient in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which he or she remains the sole person responsible.

#### Authorisation Comments:

This document is only current on the day of viewing. Printed copies are UNCONTROLLED unless they are part of a Quality Manual or attached to a letter referring to a Purchase Order Number. END OF DOCUMENT

Product Category:                      METAL POLISH  
Formula reference(s):                  440101