

MATERIAL SAFETY DATA SHEET

Health- and environmental- and safety data sheet

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1. IDENTIFICATION

TRADE NAME : Honing Compound PA-70

APPLICATION : Polishing

SUPPLIER : Tormek AB

ADDRESS : Box 152

POST ADDRESS : S-711 23 Lindesberg

TELEPHONE : +46 581 147 90 TELEFAX: +46 581 109 30

2. PHYSICAL DESCRIPTION / CLASSIFICATION OF MATERIAL

No.	Name	CAS-No/EG-No	Konc.(w%)	Classification:	R-PHRASES
	Petroleum distillates (hydrotreated light)	64742-47-8/ 265-149-8	<30%	Xn	R65, 66
	Ammonium hydroxide 25%	1336-21-6/ 215-647-6	<5%	C, N	R34, 50

See section 16 for explanation of R-phrases.

Interpretation of the signs:

T+=Very toxic, T=Toxic, C=Corrosive, Xn=Unhealthy, Xi=Irritating,
EM=No duty to mark, E=Explosive, O=Oxidizing, F+=Highly inflammable,
F=Inflammable, M=Mutagenic, A=Causes allergic reaction,
K=Causes cancer, R=Reproductiontoxic, H=Skinabsorption

3. HAZARDOUS CHARACTERISTICS

The product is not classified as hazardous.

Fire: No danger of fire.

Health: Long and repeated skin contact may cause dry and rough skin.

Environment: The product is not classified as environmentally hazardous.

Physical/chemical: At increased temperature, flammable steams and decomposition products may be set free.

4. FIRST AID

Inhalation: Fresh air and rest.

Skin contact: Remove contaminated clothing. Wash the skin carefully with soap and water.

Eye contact: Rinse immediately with plenty of water. Get medical advice if irritation persists.

Ingestion: Rinse the mouth with water and then drink plenty of water. Get medical advise if intense cough occurs or if swallowed a larger amount of the product.

5. FIRE FIGHTING PROCEDURES

Use extinguish foam, powder or carbon dioxide.

Containers close to fire, should be removed or cooled with water.

In case of fire or combustion, poisonous gas may occur. Respiratory protection must then be used.

6. SPILL OR LEAK PROCEDURES

Prevent discharge in the outlet, into watercourses and on the ground. See also item 8 "Personal protection".

Small spill: Wipe up with rags or paper and store in sealed containers.

Larger spill: Barricade with absorbent material.

7. HANDLING AND STORAGE**Handling**

Containers should be kept well closed, make sure the ventilation is good at the factory premises.

Storage

Store at frostless, cool and in well closed packing.

8. EXPOSURE LIMITS / PERSONAL PROTECTION

Prevention: Avoid prolonged direct contact with the product.

Personal protection: Protection gloves (nitrile or PVA) at risk of direct contact.

Exposure limit values: Petroleum distillates – 350 18 mg/m³

AFS 2005:17 (NGV) Ammonium hydroxide - 18 mg/m³

General: Use protective clothing and approved protective equipment when necessary.

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance:	Paste
Colour:	White-grey
Odour:	Characteristic light ammonia
Density:	1,2 – 1,3
Boiling point:	145 - 300°C
Flash point:	>80°C
pH:	approx. 9,5
Viscosity:	Viscous paste

10. STABILITY AND REACTIVITY

Conditions to be avoided:

No known.

Material and chemical products that should be avoided:

May cause damage to gaskets, some lacquered and painted surfaces, and natural rubber.

Dangerous transformation products:

At incomplete combustion, carbon monoxide and carbon dioxide is formed.

11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of high contents may give headache, tiredness, sickness and dizziness.

Skin: Defats the skin. May cause irritation, cracking and at prolonged or repeated contact eczema (non-allergic).

Eyes: Burning at eye contact.

Ingestion: May cause sickness, vomiting and diarrhea.

* Is viscous, makes the classification med R65 not current.

12. ECO TOXICOLOGICAL INFORMATION

Ammonia: Hazardous to the environment.

Ammonia transforms relatively quickly by naturally occurring microorganisms.

The product is not classified as hazardous to the environment, because of the input of environmental hazardous substance and its concentration.

13. DISPOSAL CONSIDERATIONS

Waste should be considered as hazardous waste. Consult with the Local Authority.

Well cleaned/empty containers may be recycled.

14. TRANSPORT INFORMATION

Not classified as dangerous goods.

15. CURRENT REGULATIONS

Classification: No duty to mark.

16. OTHER INFORMATION

Read the instructions on the package before use.

Explanation of R-phrases in section 2:

R65 Harmful: May cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R34 Causes burns.

R50 Very toxic to aquatic organisms.