#243480, 243508, 243519, 243520, 243530, 243541, 42320± #243424, 243373, 243384, 243395, 243468, 386108, 38611

DIRECCION POSTALI APARTADO (P. G. BOX) 4316 TELEFONOS: 33-7844 - 27-6682 CABLES: «ABRASINOS» LIMA 1 - PERU

LIMA - PERU

MATERIAL SAFETY DATA SHEET

SECTION I: Name and Product

Manufacturer's Name

: ABRASIVOS S.A.

Address

: P.O. Box 4316, Lima 100, PERU

Irade Name, Common Name

or Specification

: GARNET PAPER

Chemical Family of Product Type : Garnet grain on kraft paper, glue binder

Contact

: E. Bernasconi

Emergency Telephone Nº

: (415) 325-1997

Approved by

: E. Bernasconi

Date

: 4.15.86

SECTION II: Composition (in order of imports

Chemical Name	Common Name	CAS	OSHA Permissive	Carcinogen
Almandite	Industrial garnet		Exposure Limit 15 mg/m3 (total dust)	No
Kraft paper Hide glue	Gelatin	:	N/A N/A	No No

All components are present in stable, fully cured, non-reactive, non-toxic, non-volatile, non-flammable stage.

Because of wide range of conditions of use, Manufacturer is not able to establish meaningful TLV for combined particles released during normal operation. See Section VIII.

> SECTION III: Physical & Chemical Data

Boiling Point:

N/A Melt. Point: N/A Spec. Grav.:

N/A

Vapor Pressure:

N/A % Volatile:

N/A

Vapor Density: N/A

Evaporation Rate:

N/A

Solubil. HoO: N/A

Solubil.Alcohol:N/A

Solubil.Solvents:

N/A

Appearance/Odor:

Cloth/Paper/Fiber coated with abrasive mineral grain. some slight odor of dry, cured adhesive system (glue or

resin)

SECTION IV: Fire and Explosion Hazard Data

Flash Point:

Method Used

Flammable Limits

Extinguishing Media:

- Not Applicable

Chemical extinguishers not required

Special Fire Fighting

Procedures:

Use respiratory protection.

Backings and resin binders will burn and/or

decompose.

Fire and Explosion

Hazards:

Combustion products may be toxic only in restricted, non-ventilated enclosures. No explo-

sion hazard will occur.

SECTION V: Health, First Aid and Medical Data

Primary Routes

of Entry:

Acute & Chronic Effects Effects of overexposure

First aid and medical inform.

Inhalation: (of dust)

Acute: prolonged breathing could cause coughing

Remove to fresh air Obtain F. Aid

Chronic: may affect breathing

Ingestion:

Very unlikely. Not known

Obtain F. Aid

adverse effects.

Skin contact & absorption:

Not absorbed through nor

sensitizing to skin.

Abrasive mineral will cause skin abrasion if not handled

Obtain F. Aid with care.

Dust may irritate eyes.

Wash with water Obtain F. Aid

Other potential

risks:

Eye:

On some operations high sound level may be created.

Protect ears

SECTION VI: Corrosivity & Reactivity Data

Stability:

Product is stable at all normal storage and

operating temperatures

Compatibility:

Not Applicable

Hazardous decomposition

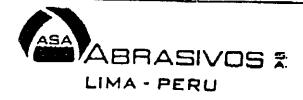
products:

Material being ground will generally create substantially greater amounts of air born parti-cles than coated abrasive product components. Minor amounts of fumes from decomposing binders

may be present under extreme temperature conditions (high speed grinding).

Conditions to avoid:

None under any likely operative mode



SECTION VII: Storage, Handling and Use Procedures

Normal Storage and

Handling:

Provide good ventilation OSHA 29C FR 1910.94 ventilation and OSHA 29C FR 1910.1000 Air contaminates

Normal use:

Provide adequate ventilation

See: OSHA 29C FR 1910.94 Ventilation

OSHA 29C FR 1910.1000 Air Contaminates OSHA 29C FR 1910.213(P) Sanding Machines

OSHA 29C FR 1910.243(a) Portable belt sanding

machines

Spill or Leaks:

Materials are stored and handled only in dry condition.

Normal clean up procedures apply,

Waste Disposal Methods:

Standard landfill consistent with applicable Federal,

State and Local Laws and regulations.

SECTION VIII: Personal Protection Information

Respiratory:

As needed; approved dust respirator OSHA

24C FR 1910.134 recommended for all continuous

and high speed (machine) operations.

Ventilation:

Adequate local and general ventilation recommended. Suction-type dust removal recommended when motor operated, high intensity grinders are used on a

continuous basis.

Protective gloves:

As desired by user to prevent possible skin abrasion.

Eve protection:

Safety goggles recommended with motor operated equipment, OSHA 29C FR 1910.133 Face & Eye Protection.

Other Protective

Equipment:

As desired by user to prevent injury caused by fast

moving abrasive material when high speed motor

operated equipment is used.

SECTION IX: Special Precautions

Material will NOT release toxic substances during storage at room temperature. Some resin odor from binding system may be released on occasion during storage.

SECTION X: Regulatory Information

DOT Class:

Not regulated

RCRA Status:

NOT A HAZARDOUS WASTE

The information and recommendations set forth herein are taken from sources believed to be accurate. ABRASIVOS S.A. makes no warranty with respect to the accuracy of the information contained herein and assumes no liability to any user thereof.

