

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION

**Product name:** MASTERS SAND CLOTH

**Product use:** Various grinding, polishing, cutting and sanding tasks

**Chemical Family:** n/ap

**Supplier name and address:**

G.F. THOMPSON CO. LTD.  
620 Steven Court, Unit 11  
Newmarket, Ontario  
L3Y 6Z2

**Manufacturer name and address:**

Refer to supplier

**Emergency Tel. #:**

905-898-2557

**WHMIS CLASS: D2B**

### SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>%</u>
Aluminum Oxide, Non-fibrous	1344-28-1	15 – 25
Cloth or Paper Backing	n/a	45 - 55
Binder System **	n/a	10 - 30

\*\*Substance is a compound and/or mixture

n/a = not applicable

### SECTION III - PHYSICAL DATA

**Odour and appearance:** Solid article. Odourless

**Odour threshold (ppm):** n/a

**Specific gravity:** n/a

**Coefficient of water/oil distribution:** n/a

**Vapour pressure (mm Hg):** n/a

**Boiling point:** n/a

**Freezing point:** n/a

**pH:** n/a

**Vapour density (Air = 1):** n/a

**Evaporation rate (BuAe = 1):** n/a

**Volatiles, %:** nil

**Solubility in water:** nil

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**SECTION IV - FIRE AND EXPLOSION DATA**

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**Conditions of flammability:** No  
**Extinguishing Method:** not applicable  
**Sensitivity to mechanical impact/static discharge:** n/a  
**Flash point (Method):** n/a  
**Upper flammable limit %:** n/a  
**Lower flammable limit %:** n/a  
**Auto-ignition temperature:** n/a  
**Special Fire Fighting Procedures:** n/a  
**Hazardous Combustion Products:** none  
**Other Fire & Explosion Hazards:** not applicable

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**SECTION V - REACTIVITY DATA**

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**Stability:** Products containing cured urea-formaldehyde resin under certain temperatures and humidity conditions may release trace amounts of formaldehyde (CAS # 50-00-0)  
**Incompatibilities:** Avoid acids of all types with a pH < 4.0.  
**Decomposition:** In use, dust and decomposing odours may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components. Coolants may produce other decomposition products.  
 For products containing phenol and formaldehyde resin, thermal decomposition may produce trace amounts of phenol and formaldehyde.  
 For products containing inorganic fluorides, thermal decomposition may produce trace amounts of fluorides.

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**SECTION VI - TOXICOLOGICAL INFORMATION**

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**Inhalation Acute Exposure Effects:** Dust may be slightly irritating to eyes and respiratory tract at high concentrations.  
**Inhalation Chronic Exposure Effects:** Chronic: May affect breathing capacity.  
 For products containing phenol/formaldehyde resin, dust generated from intended use may contain trace amounts or phenol and formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction  
 For products containing inorganic fluorides, excessive exposure to inorganic fluorides have been shown to increase bone density.  
**Skin Contact Acute Exposure Effects:** Some may experience skin irritation from dust.  
**Eye Contact Acute Exposure Effects:** Dust may irritate eyes.  
**Ingestion Acute Exposure Effects:** No known adverse effects, but ingestion is not recommended.

**EXPOSURE LIMITS/REGULATORY INFORMATION**

Substance Description	Units	OSHA	ACHIH	MOL
Aluminum Oxide, Non-fibrous	MG/M3	15.000	10.0000	10.000
Cloth or Paper Backing	PPM	0.0000	0.0000	0.0000
Binder System	PPM	0.0000	0.0000	0.0000

LEGEND: Exposure Limit Descriptions  
 Carcinogenicity  
 Not Applicable

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**SECTION VII - FIRST AID**

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**Inhalation:** Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.  
**Skin Contact:** Wash affected areas with soap and water. Obtain medical assistance.

**Eye Contact:** Wash with large amounts of water Obtain first aid and medical assistance.  
**Ingestion:** Call poison control center, hospital emergency room or physician immediately.

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**SECTION VIII - PREVENTIVE MEASURES**

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**Spill, leak or release:**

No special precautions.

**Waste disposal:**

Any landfill site for household waste, or incineration.

**\*\*\* PROTECTIVE EQUIPMENT \*\*\***

**Respiratory protection:** Respirators are required when airborne contaminant levels exceed the TLV (s).

**Ventilation:** Recommend using local exhaust ventilation when general ventilation is not keeping the airborne concentration below the TLV.

**Protective gloves:** Leather gloves

**Eye protection:** Always WEAR SAFETY GLASSES or some type of eye protection while sanding.

**Other protective equipment:** Long sleeves clothing to minimize contact with dust.

**\*\*\* STORAGE & HANDLING \*\*\*****Storage and handling conditions:**

Handling: Handle with adequate ventilation for nuisance dust

Storage: Recommend 40-90°F (4.4-32.2°C); 30-80% Relative Humidity.

**Special Shipping Information:** None.

**Additional notes or references:**

## Abbreviations:

n/av: not available

n/ap: not applicable

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

TLV: Threshold Limit Values

NIOSH: National Institute of Occupational Safety and Health

TDG: Transportation of Dangerous Goods Act.

## References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1993-94.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Material Safety Data Sheets from manufacturer.

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**SECTION IX PREPARATION INFORMATION**

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**Prepared by:** G.F. THOMPSON CO. LTD.

**Telephone #:** 905-898-2557

**Preparation date:** December 01, 2009