

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product name: MASTERS SAND CLOTH

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

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. #:

Mon – Fri, 7:30 am to 5:00 pm EST

905-898-2557

800-499-3673 (toll free)

24 hr Emergency Tel:

905-252-4793

WHMIS CLASS: D2B

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>%</u>
Calcium carbonate	1317-65-3	5 - 10
Nylon	No Data	30 - 60
Polymer/Solids	No Data	5 - 10
Aluminum Oxide, Non Fibrous	1344-28-1	10 – 30
Phenol formaldehyde polymer	9003-35-4	10 - 30

**Substance is a compound and/or mixture

n/a = not applicable

SECTION III – HAZARDS IDENTIFICATION

Potential Health Effects:

Eye:	Dust may cause slight irritation.
Skin:	Dust from this product may cause temporary mechanical irritation.
Inhalation:	Dusts from this product may cause mechanical irritation of the nose, throat and respiratory tract.
Ingestion:	Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances

Chronic Health Effects: Chronic health effects are not expected as long as good hygiene and proper safety precautions are practiced.

Phenol formaldehyde polymer:

Chronic Health Effects: Dust generated from intended use may contain trace amounts of phenol and formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction.

SECTION IV - PHYSICAL DATA

Physical state appearance: Solid article.
Odour: Odourless
Flash Point: Does not apply
Auto Ignition Temperature: Not Determined

SECTION V - FIRE FIGHTING MEASURES

Flammable Properties: Non flammable
Flash point: Does not apply
Auto-ignition temperature: Not determined
Lower flammable limit %: Not available
Upper flammable limit %: Not available
Extinguishing Method: Use any extinguishing media appropriate for the surrounding fires
Unsuitable Media: none
Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION VI – STABILITY AND REACTIVITY DATA

Chemical Stability: Stable under normal conditions
Hazardous Polymerization: Does not occur
Conditions to Avoid: Keep away from heat, sparks, or open flame
Special 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. Thermal decomposition may produce trace amounts of ammonia and formaldehyde.

SECTION VII - TOXICOLOGICAL INFORMATION

Acute Toxicity: This product has not been tested for its toxicity.
Inhalation Chronic Exposure Effects: Chronic: May affect breathing capacity.

Aluminum Oxide, Non fibrous:

ACGIH: A4 Not Classifiable as a Human Carcinogen
NIOSH: No Data
OSHA: No Data
IARC: No Data
NTP: No Data

Calcium carbonate:

RTECS Number: EV9580000

Aluminum Oxide, Non-fibrous:

RTECS Number: BD1200000
 Inhalation: Inhalation – Rat TCLo : 100mg/m3/5H/28W (Intermittent) [Lungs, Thorax, or Respiration – Structural or functional change to trachea or bronchi; Lungs, Thorax, or Respiration – Chronic pulmonary edema; Related to Chronic Data – death] (RTECS)

Phenol formaldehyde polymer:

RTECS Number: SM8542500
 Skin: Administration onto the skid – Rat LD50: .2 gm / kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
 Ingestion: Oral – Rat LD50: .5 gm/kg [Detail of toxic effects not reported other than lethal dose value] (RTECS)

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SECTION VIII - FIRST AID

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Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention if irritation or symptoms of overexposure persists

Skin Contact: Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

Inhalation: If dust from cutting or drilling is inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention.

Ingestion: Accidental ingestion of this material is unlikely. If this does occur, watch for several days to make sure intestinal blockage does not occur. If symptoms persist, call a physician.

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SECTION IX – ACCIDENTAL RELEASE / HANDLING AND STORAGE

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Methods for containment: Containment for this material should not be necessary

Methods for cleanup: Shovel or sweep up for re-use or disposal. Avoid creating dusty conditions, Evaluate residue to determine if it is hazardous waste by characteristic. Dispose of in accordance with Local, Provincial and Federal regulations.

Handling: Handle with adequate ventilation for nuisance dust.

Storage: No special storage conditions required.

Hygiene: Wear suitable gloves and eye/face protection

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SECTION X – PERSONAL PROTECTION

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Engineering Controls: General dilution ventilation and /or local exhaust ventilation should be provided.

Eye/Face Protection: Always WEAR SAFETY GLASSES or some type of eye protection when grinding.

Skin Protection: Protective gloves, long sleeved shirt and long pants.

Respiratory Protection: A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.

General Hygiene: Handle in accordance with good industrial hygiene and safety practice.

Considerations: Remove and wash contaminated clothing before re-use. Avoid getting dust into boots and gloves through wrist bands and pant tucks.

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SECTION XI – DISPOSAL CONSIDERATIONS

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Waste Disposal: Use standard landfill methods consistent with applicable Local, Provincial and Federal laws.

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SECTION XII – TRANSPORT INFORMATION

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DOT Shipping Name: Not regulated under the Transportation of Dangerous Goods Act
DOT UN Number: Not regulated under the Transportation of Dangerous Goods Act
IATA Shipping Name: Not regulated under the Transportation of Dangerous Goods Act

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SECTION XIII - PREPARATION INFORMATION

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Prepared by: G. F. THOMPSON CO. LTD.
Preparation date: December 01, 2012