

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product name:** MASTERS GRIT CLOTH  
**Product use:** For cleaning copper pipes, tubing and fittings.  
**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 Phone #:** (905) 898-2557

**WHMIS CLASS:** D2B

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (wt/wt)</u>	<u>LC50 ppm (Rat, ihl.)</u>	<u>LD50 mg/kg (Rat, oral)</u>
Aluminum oxide	1344-28-1	55-65	n/av	n/av
Nylon Screen Back	n/av	20-30	n/av	n/av
Binder - Phenolic resin	n/av	5-15	n/av	n/av

## SECTION III - PHYSICAL DATA

**Physical State:** Solid.  
**Odour and appearance:** Cloth coated with abrasive material.  
**Odour threshold:** n/av  
**Specific gravity:** n/av  
**Coefficient of water/oil distribution:** n/av  
**Vapour pressure (mm Hg):** n/av  
**Boiling point:** n/av  
**Freezing point:** n/av  
**pH:** n/ap  
**Vapour density (Air = 1):** n/av  
**Evaporation rate (BuAc = 1):** n/av  
**Volatiles, %:** n/av  
**Solubility in water:** Variable

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#### SECTION IV - FIRE AND EXPLOSION DATA

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**Conditions of flammability:** Backing and resin binder will burn.

**Means of extinction:** Carbon dioxide, dry chemical, foam or water fog may be used to extinguish fire.

**Sensitivity to mechanical impact/static discharge:** Not susceptible to mechanical impact. Insensitive to static discharge.

**Flash point (Method):** n/ap

**Upper flammable limit %:** n/ap

**Lower flammable limit %:** n/ap

**Auto-ignition temperature:** n/ap

**Special fire fighting procedures:** Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Cool exposed containers with water spray.

**Hazardous combustion products:** Refer to "Hazardous Decomposition Products"

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#### SECTION V - REACTIVITY DATA

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**Stability:** Stable.

**Incompatible materials:** n/av

**Conditions of reactivity:** Hazardous polymerization will not occur.

**Hazardous decomposition products:** Thermal decomposition could produce carbon monoxide, carbon dioxide and decomposing resin fumes.

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#### SECTION VI - TOXICOLOGICAL PROPERTIES

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##### \*\*\* Routes of exposure and acute/chronic effects \*\*\*

**Exposure limit (ACGIH-TLV-TWA):** Aluminum oxide 10 mg/m<sup>3</sup>

**Inhalation:** Inhalation of dust may cause coughing, shortness of breath.

**Skin:** Abrasion.

**Eyes:** Dust may irritate.

**Ingestion:** Unlikely route of entry, however harmful if dust is swallowed.

**Chronic effects:** Breathing of dust may affect breathing capacity.

**Carcinogenicity:** Ingredient(s) are not listed by IARC or ACGIH as carcinogenic.

**Reproductive effects, Teratogenicity, Mutagenicity:** None known.

**Name of Toxicologically Synergistic Products:** n/av

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#### SECTION VII FIRST AID

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**Inhalation:** Remove to fresh air. Get medical attention if needed.

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes lifting upper and lower lids. Get prompt medical attention.

**Skin:** For abrasions, treat symptomatically.

**Ingestion:** Unlikely route of entry. Consult a physician if problems arise.

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**SECTION VIII - PREVENTIVE MEASURES**

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**Spill, leak or release:** Normal clean-up procedures (vacuum to prevent airborne dust particles).  
**Waste disposal:** Dispose of in accordance with federal, provincial and local regulations.

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

**Respiratory protection:** Use NIOSH approved respirator as needed for dusty conditions.  
**Ventilation:** General, local exhaust recommended.  
**Protective gloves:** Recommended - Leather  
**Eye protection:** Safety glasses/goggles or face shield to protect against dust.  
**Other protective equipment:** No special clothing required. Long sleeves recommended to minimize dust contact.  
**Other requirements:** Remove clothing and launder before reuse if contaminated with product. Wash hands with soap and water if contact with product occurs or before eating, drinking, smoking, or using toilet facilities.

**\*\*\* STORAGE & HANDLING \*\*\***

**Storage and handling conditions:** Avoid excessive heat. Store out of direct sunlight in a dry area.  
**Special Shipping Information:** TDG - Not regulated.

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**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 1994-95.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. N. Irving Sax. Dangerous Properties of Industrial Materials, Seventh Edition.
4. Canadian Centre for Occupational Health and Safety. Cheminfo Database.
5. N. Irving Sax, Richard J. Lewis, Sr. Hawley's Condensed Chemical Dictionary, Eleventh Edition.

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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 1, 2009

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