



Gemtex Abrasives
SAFETY DATA SHEET
Coated Abrasives – Sanding block and sponges

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity / Trade Name: Sanding blocks, Sanding sponges and sanding pads

Product Use: Abrasive materials used for sanding wood, concrete, masonry and building Materials.

Distributor: Gemtex Abrasives
234 Belfield Road
Toronto, M9W 1H3 Ontario, Canada

Internet: www.gemtexabrasives.com

Information Phone: (416) 245-5605 **Emergency Phone:** (416) 245-5605

SDS Date of Preparation: April 2015

2. HAZARDS IDENTIFICATION

The Abrasive sponges are made from inert materials which do not present risks when correctly stored or handled. This documents only covers the abrasive sponge product.

This product is for all sanding block and sponges coated with abrasive material in foam and sponges

EMERGENCY OVERVIEW

Dust may cause eye and respiratory irritation. Dust particles may cause abrasive injury to the eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS #	% (optional)
Aluminum Oxide, Al ₂ O ₃	1344-28-1	15 – 30
Titanium Dioxide, TiO ₂	13463-67-7	0.4 – 0.9
Silicon Dioxide, SiO ₂	7631-86-9	0.1 – 0.3
For Silicon Carbide Sponges:		
Silicon Carbide Minerals, SiC	409-21-2	15 – 30
Silicon Dioxide, SiO ₂	7631-86-9	0.01 – 0.3
Nitrile rubber based cured resin	mixture	15 – 30
Foam	Mixture	

Gemtex Abrasives - SDS
Coated Abrasives – Sanding Block and sponges

4. FIRST AID MEASURES

Ingestion: If sanding dust is swallowed, seek medical attention.

Inhalation: If overexposed to sanding dust, remove victim to fresh air and get medical attention.

Eye Contact: Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation persists. Obtain immediate medical attention for foreign body in the eye.

Skin Contact: Wash dust from skin with soap and water. Launder contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use any media that is appropriate for the surrounding fire.

Special Firefighting Procedures: None needed.

Unusual Fire and Explosion Hazards: This product is not combustible, however, consideration must be given to the potential fire/explosion hazards from the base material being processed. Many materials create flammable/explosive dusts or turnings when sanded, machined or ground.

Hazardous Combustion Products: None known.

6. ACCIDENTAL RELEASE MEASURES

N/A

7. HANDLING AND STORAGE

Recommended Work Practices: Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling and use, especially before eating, drinking or smoking. Consider potential exposure to components of the base materials or coatings being sanded or ground. Refer to OSHA's substance specific standards for additional work practice requirements where applicable.

Storage: Store in a dry location.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Exposure Guidelines:

Hazardous Components	OSHA PEL	ACGIH TLV
Aluminum Oxide	15 mg/m ³	10 mg/m ³
Titanium Dioxide, TiO ₂	15 mg/m ³	10 mg/m ³
Silicon Dioxide, SiO ₂	6 mg/m ³	10 mg/m ³
For Silicon Carbide Sponges:		
Silicon Carbide Minerals, Si. C.	15 mg/m ³	10 mg/m ³
Silicon Dioxide, SiO ₂	6 mg/m ³	10 mg/m ³
Nitrile rubber based cured resin	N/A	N/A
Foam	N/A	N/A

Gemtex Abrasives - SDS

Coated Abrasives – Sanding Block and sponges

Note: Consider also components of base materials and coatings being ground.

Ventilation: Use local exhaust or general ventilation as required to minimize exposure to dust and maintain the concentration of contaminants below the occupational exposure limits.

Respiratory Protection: Use a NIOSH approved respirator if exposure limits are exceeded or where dust exposures are excessive. Consider the potential for exposure to components of the coatings or base material being ground in selecting proper respiratory protection. Refer to OSHA's specific standards for lead, cadmium, etc. where appropriate. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with OSHA 1910.134 and good industrial hygiene practice.

Gloves: Cloth or leather gloves recommended.

Eye Protection: Safety goggles or face shield over safety glasses with side shields.

Other: Protective clothing as needed to prevent contamination of personal clothing. Hearing protection may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Solubility in Water: Insoluble

Specific Gravity: Not Applicable

Melting Point: Not Applicable

Flammable Limits: LEL: Not Applicable

Vapor Pressure: (mm Hg) Not Applicable

Vapor Density: (Air = 1) Not Applicable

Evaporation Rate: Not Applicable

Flash Point: Non-Combustible

UEL: Not Applicable

Appearance and Odor: Cloth or paper coated with abrasive material in sheets, discs or on wheels.

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: None known.

Hazardous Decomposition Products: Dust from sanding could contain ingredients listed in Section 3 and other, potentially more hazardous components of the base material being sanded or coatings applied to the base material.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion: None expected under normal use conditions. Swallowing large pieces may cause obstruction of the gastrointestinal tract.

Inhalation: Dust may cause respiratory irritation.

Eye: Dust may cause eye irritation. Dust particles may cause abrasive injury to the eyes.

Skin: None expected under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.

Sensitization: This material is not known to cause sensitization.

A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being sanded. Most of the dust generated during sanding is from the base material being sanded and the potential hazard from this exposure must be evaluated.

Carcinogenicity: None of the other components are listed as a carcinogen or potential carcinogen by OSHA, NTP or IARC.

Medical Conditions Aggravated by Exposure: Employees with pre-existing respiratory disease may be at risk from exposure.

12. ECOLOGICAL INFORMATION

No ecological data is available for this product. No hazards to the environment are expected from this product. However, consideration must be given to potential environment effects of the base material being processed.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local, state/provincial and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

15. REGULATORY INFORMATION

Hazard Categories: Not Applicable

California Proposition 65: WARNING you create dust when you cut, sand, and drill or grind materials such as wood, paint, cement, masonry or metal. This dust often contains chemicals known to cause cancer, birth defects or other reproductive harm.

Canadian WHMIS Classification: Not a controlled product. This product meets the definition of a "manufactured article" under the WHMIS regulations.

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

16. OTHER INFORMATION

NFPA Hazard Rating: Health: 1

Fire: 0

Reactivity: 0

Date: April 18th 2015

Prepared By: D Patel
