



**Gemtex Abrasives
SAFETY DATA SHEET**

Coated Abrasives: Non-woven Hand pads
Maroon, Gray, Green and Tan

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:

These products do not require any warning label under OEHHA (NSRLs)

For more information go to: www.P65Warnings.ca.gov

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: August 15th 2018

Revision Summary: Section 15 and 8 Exposure Limits; Comprehensive Review

SDS Date of review: July 6th 2021

Prepared By: D Patel



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11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

11.1: Ingestion:

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

11.2: Inhalation:

Dust may cause respiratory irritation from material being ground.

11.3: Eye:

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

11.4: Skin:

None expected under normal use conditions. Manual rubbing product across the skin may cause irritation or abrasions.

11.4: Sensitization:

Not applicable

11.5: Chronic:

Long-term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminished breathing capacity. Chronic effects may be aggravated by smoking. Excessive inhalation of respirable dust may cause a progressive, disabling and sometimes fatal lung disease. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Prolonged overexposure to fluorides may cause a bone condition, fluorosis. Prolonged exposure to elevated noise levels during operations may affect hearing. 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.

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

Acute Toxicity Values:

This product and its components are not acutely toxic.

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.



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8.3.3: Eye, Face and Ear Protection:

Avoid eye and face contact to minimize the risk of injury to eyes and face, always wear eye and face protection when sanding or grinding operation and or standing near such operation.

Safety glass with side shield is recommended.

Hearing protection may be required based on the recommendations of the grinder manufacturer and material being ground.

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

10.1: Stability and reactivity:

Coated abrasive products are stable and non-reactive when handled and stored correctly.

10.2 Chemical Stability:

No decomposition in normal use

10.3 Hazardous Reaction/Polymerization:

No polymerization and or reaction will occur

10.4: Incompatibility:

No dangerous reaction known.

10.5: Hazardous Decomposition Products:

Under recommended usage conditions, hazardous decomposition products are not expected.

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.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1: Exposure Guidelines:

Exposure Guidelines:		
Hazardous Components	OSHA PEL	ACGIH TLV
Nylon Fibre mixture	N/A	N/A
Aluminum Oxide	15 mg/m ³	10 mg/m ³
Silicon Carbide	15 mg/m ³	10 mg/m ³
Calcium Carbonate	15mg/m ³	none established
Binder System (Cured Adhesive)	N/A	N/A

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

8.2: Engineering Controls:

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.

8.3: PERSONAL PROTECTIVE EQUIPMENT (PPE):

8.3.1: 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.

8.3.2: Skin Protection:

Gloves and protective clothing: Wear appropriate gloves to avoid or minimize the injury to the skin from contact with dust and abrasion from grinding and sanding. Cloth or leather gloves are recommended.

Wear appropriate protective clothing as needed to prevent contamination of personal clothing and avoid skin exposure to the material being ground.



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None inherent in this product. Use respiratory protective equipment for any unknown from surrounding.

Hazardous Decomposition or By-Products:

Carbon monoxide: During combustion

Carbon Dioxide: During combustion

5.3: Special protective actions for fire-fighters:

When firefighting conditions are severe and total thermal decomposition of the product is possible, wear full protective clothing according to the surrounding area.

6. ACCIDENTAL RELEASE MEASURES

6.1: Personal precautions, protective equipment and emergency procedures.

Follow other section of SDS, section 4 and section 5 for health hazards, respiratory protection and ventilation and personal protective equipment.

6.2: Environmental precautions

Not applicable

6.3: Methods and material for containment and cleaning up:

Pick up, sweep up or vacuum and place in a container for disposal. Minimize generation of dust. Notify authorities as required by local, state and federal regulations.

7. HANDLING AND STORAGE

7.1: 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. Avoid eye contact with dust or airborne particles. Refer to OSHA's substance specific standards for additional work practice requirements where applicable.

7.1: Storage:

Store in a cool and dry place.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS #	% (optional)
Nylon Fibre	Mixture	10 - 35
Aluminum Oxide	1344-28-1	20 – 60
Kaolin	1332-58-7	10 - 35
Phenolic Resin	Mixture	10 - 35

4. FIRST AID MEASURES

4.1: Description of first aid measures:

Inhalation:

Remove person to fresh air if over exposed to sanding dust and get medical attention if required.

Skin contact:

Wash with soap and water if over exposed to sanding dust and wash contaminated clothing before reuse.

Eye Contact:

Flush eyes thoroughly with water, holding eyelids open. Get medical attention if irritation persists.

If Swallowed: (Inhalation):

Not likely due to the form of the product; if over exposed to the sanding dust, get medical attention if necessary.

4.2: Most important symptoms and effects, both acute and delayed:

See Section 11 for Information on toxicological effects.

4.3: Indication of any immediate medical attention and special treatment required.

Not applicable.

5. FIRE FIGHTING MEASURES

5.1: Suitable extinguishing media:

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water, foam, sand, powder or CO2 as appropriate for surrounding materials.

5.2: Special hazards arising from the substance or mixture:



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1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity / Trade Name: Non-Woven Hand pad: Maroon, Gray, Green and Tan hand pads

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

Manufacturer: **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: March 2015

SDS Date of review: August 2018

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2. HAZARDS IDENTIFICATION

2.1: Hazard classification:

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements:
Not applicable.

Symbols:
Not Applicable

Other hazards:
Not known

EMERGENCY OVERVIEW

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