

**1. IDENTIFICATION OF PRODUCT AND COMPANY:****1.1 Product Identity / Trade Name:**

Platinum Original Hand Pads

**1.2 Product Use:**

Abrasive materials used for sanding, grinding metals, wood, concrete, masonry and building materials.

**1.3 Company:**

Company: Platinum North America

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Edmonton, AB

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**2. HAZARDS IDENTIFICATION**

This product is made with Nylon Scrim coated with abrasive material in sheets, discs and rolls.

**EMERGENCY OVERVIEW:**

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Component	CAS#	% (optional)
Nylon Scrim	N/A	30 – 50
Aluminum Oxide	1344-28-1	0 – 60
And/or Silicon Carbide	409-21-2	0 – 60
Binder System (cured adhesive)	N/A 1	5 – 20

**4. FIRST AID MEASURES**

Ingestion: if dust is swallowed, seek medical attention.

Inhalation: if overexposed to 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 brushed, machined or ground.

Hazardous Combustion Products: none known.

**6. ACCIDENTAL RELEASE MEASURES**

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

**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:

Hazardous Component	OSHA PEL	ACGIH TLV
Nylon Scrim	N/A	N/A
Aluminum Oxide	15 mg/m <sup>3</sup> 1	0 mg/m <sup>3</sup>
Silicon Carbide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Binder System (Cured Adhesive)	N/A	N/A

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 TLVs.

Respiratory Protection: use 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 brushed, machined or 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 are 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.

UEL: not applicable.

Vapor Pressure: (mm Hg) not applicable.

Vapor Density: (Air = 1) not applicable.

Evaporation rate: not applicable.

Flash Point: non-combustible.

**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 ground or brushed or coatings applied to the base material.

Hazardous Polymerization: will not occur.

**11. TOXICOLOGICAL INFORMATION****HEALTH HAZARDS:**

Ingestion: none expected under normal 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 eye.

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.

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.

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 materials to determine the proper waste identification and disposal in compliance with applicable regulations.

**14. TRANSPORT INFORMATION**

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: no material present require reporting.

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

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.