


Section 1: Identification

PRODUCT IDENTIFIER: MAXCUT Rubber Bonded Abrasive Blades

EMERGENCY PHONE: CHEMTREC 800-424-9300 (US) Day or night
 International call collect CHEMTREC 202-483-7616
 Customer No. 16568

MANUFACTURER: PACE Technologies
 3601 E. 34th St., Tucson, AZ 85718
 Tucson, Arizona USA
 Phone: +1 520-882-6598
 FAX: +1 520-882-6598

Section 2: Hazard(s) Identification

GHS CLASIFICATION:	Eye Irritant (Category 2) Specific Target Organ Toxicity – Single Exposure (Category 3) Specific Target Organ Toxicity – Repeat Exposure (Category 1) Suspected of causing cancer (Category 12)
PICTOGRAM(s):	
SIGNAL WORD:	Danger
HAZARD STATEMENTS:	Hazard Statement(s): H319 - Causes serious eye irritation H335 - May cause respiratory irritation H372 - Causes damage to respiratory tract through prolonged or repeated inhalation. H351 -Suspected of causing cancer
PRECAUTIONARY STATEMENTS:	Precautionary Statement(s): Preventions: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood S38 Wear approved respirator/PPD devices that meets exposure conditions P260 Do not breathe dust. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product.

	<p>P271 Use only outdoors or in a well-ventilated area P280 Wear eye protection</p> <p>Response: P314 Get medical attention if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing P312 Call a POISON CENTER or doctor if you feel unwell P308-P313 IF exposed or concerned: Get medical attention</p> <p>Storage: P403+P233 Store in a well-ventilated place.</p> <p>Disposal: P501- Dispose of contents/container to Federal, State and Local Regulations.</p>
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Section 3: Composition/Information on Ingredients

CHEMICAL NAME	Formula	CAS #	Wt%*
Aluminum Oxide, Non-fibrous	Al ₂ O ₃	1344-28-1	0-92
Silicon Carbide	SiC	409-21-2	0-92
Sulfur	S ₈	7704-34-9	0-6
Natural Rubber	NA	NA	0-9

* Exact percentage not disclosed due to trade secrets

Section 4: First-Aid Measures

- INHALATION:** Move to fresh air. If breathing is difficult, have qualified personnel administer oxygen. Seek medical attention if irritation or other symptoms persist.
- SKIN CONTACT:** Wash skin with soap and water. If irritation or other symptoms develop, seek medical attention.
- EYE CONTACT:** Remove contact lenses if present. Flush eyes thoroughly with large amounts of water, holding eyelids open. If irritation persists, seek medical attention.
- INGESTION:** Do not induce vomiting. Rinse mouth with water. Seek medical attention if large amount is swallowed or if you feel unwell.
- SYMPTOMS
Effects, Acute
Delayed:** Dust may cause eye and respiratory irritation. Prolonged inhalation of high concentration of dust may cause adverse effects on the lungs. Contains titanium dioxide. Prolonged overexposure to respirable dust may increase the risk of lung cancer. Risk of cancer depends on duration and level of exposure. Exposure to dust generated from processing the base material or coatings may present additional health hazards.

Section 5: Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA: Use suitable media for the surrounding fire. Do not use water on fires involving metals dusts. Use an appropriate dry powder. Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing equipment.

SPECIFIC HAZARDS DURING FIRE FIGHTING: These products are not flammable or 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 machined or ground.

Section 6: Accidental Release Measures

EMERGENCY PROCEDURES: Avoid contamination of water supplies and environmental releases. Report spills as required by authorities.

METHODS OF CONTAINMENT AND CLEAN-UP: Collect dry material, avoiding creating airborne dust. Place in a suitable container for disposal.

ADDITIONAL ADVICE: Notify authorities if any exposures to the general public or environment occurs or is likely to occur. See Section 13 for information on disposal.

PROTECTIVE EQUIPMENT: Wear appropriate respirator and protective clothing as needed to avoid eye contact and inhalation of dust.

Section 7: Handling and Storage

HANDLING: Inspect wheel prior to mounting on machine for damage. Do not use at speeds greater than product maximum rates per minute (rpm) as indicated. Use with adequate ventilation. Avoid breathing dust. Avoid eye and skin contact with grinding dust. Wear suitable eye protection, gloves and appropriate protective clothing. Wash thoroughly after handling. Consider potential exposure to components of the base materials or coatings being ground or cut. Refer to OSHA substance specific standards for additional work practice requirements where applicable.

STORAGE: No special storage required. Avoid excessive temperatures in storage. Store in a dry area

Section 8: Exposure Controls/ Personal Protection

CHEMICAL NAME	OSHA (PEL) respirable (mg/m3)	OSHA (PEL) respirable (mg/m3)	OSHA (PEL) respirable (mg/m3)
Aluminum Oxide, Non-fibrous	5	15	10
Silicon Carbide			
Sulfur	2.5	10	10
Natural Rubber	none	none	none

VENTILATION:	Engineering controls recommended. See ANSI Z43.1. Refer to OSHA 29 CFR 1910.94. Respiratory: OSHA/NIOSH approved respirator. See OSHA 29 CFR 1910.134 Engineering controls recommended. See ANSI Z43.1. Refer to OSHA 29 CFR 1910.94. Respiratory: OSHA/NIOSH approved respirator. See OSHA 29 CFR 1910.134
EYE PROTECTION:	Protective eyewear such as safety goggles, safety glasses or face shield is recommended. See OSHA 29 CF1910.133.
PROTECTIVE GLOVES:	Leather gloves.
HEARING PROTECTION:	Hearing protection such as earplugs or approved earmuffs. Refer to OSHA 29 CFR 1910.95.
BODY/SKIN PROTECTION:	Leather apron, fire retardant jacket/shirt/lab coat to shield from heavy spark showers in operation.
OTHER PROTECTION/ RECAUTIONS:	Visually inspect all wheels before mounting for possible damage. Do not operate above maximum operating speed. Always use a guard. Refer to ANSI B7.1 for Safety Requirements for the Use, Care and Protection of Abrasive Wheels.

Section 9: Physical and Chemical Properties

Appearance: Various shades of brown and black color solid bonded wheel.

Solubility in water: Insoluble

Odor: None, faint phenolic odor

Boiling Point: N/A

Flammability or Explosive Limits: Not flammable

Flash Point: Not flammable

Vapor Pressure: N/A

Evaporation Rate: N/A

Odor Threshold: N/A

Flammability (solid, gas): Not flammable

Vapor Density: N/A

Auto-ignition Temperature: N/A

PH: N/A
Decomposition Temperature: 800 °F (425 °C)
Relative Density: N/A
Viscosity: N/A
Melting Point/Freezing Point: N/A

Section 10: Stability and Reactivity

REACTIVITY: Not reactive under normal conditions of use and storage.

CHEMICAL STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

OTHER: Dust from grinding and cutting could contain potentially hazardous components of the base material being ground or coatings applied to the base material.

Section 11: Toxicological Information

INHALATION: Alumina and Silicon Carbide dust may irritate throat and respiratory system, may cause coughing..

SKIN CONTACT: Alumina and Silicon Carbide dust may irritate skin.

EYE CONTACT: Alumina and Silicon Carbide dust may cause irritation.

Potential Health Effects:

LOCAL EFFECTS: N/A

SENSITIZATION: N/A

CHRONIC TOXICITY: N/A

LONG TERM TOXICITY: N/A

SPECIFIC EFFECTS: N/A

Section 12: Ecological Information

Data from Toxicity Tests: No adverse effects on aquatic organisms are expected.

Section 13: Disposal Considerations

Proper Disposal Practices: Disposal practices are in accordance with local, state and national regulations.

Section 14: Transportation Information

Proper Transport of Hazard Material: Not regulated as a hazardous material for transport.

Section 15: Regulatory Information

OSHA: Non-hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA-SARA HAZARD CATEGORY: This product has been reviewed, and is considered, under applicable definitions, to meet the following categories: NONE

SARA SECTION 313: This production contains the following substances subject to the reporting requirements of Section 313 and 40 CFR part 372: NONE

TOXIC CONTROL SUBSTANCES CONTROL ACT: The chemical substances in this product are on the TSCA Section 8 Inventory: NO COMPONENTS FOUND.

NEW JERSEY RIGHT-TO-KNOW: The following materials are non-hazardous, but are among the top five component in this product:

Chemical Name: fillers and backing (non-hazardous)
CAS No. : none – mix

PENNSYLVANIA RIGHT-TO-KNOW: The following non-hazardous ingredients are present in the product at greater than 3%:

Chemical Name: fillers and backing (non-hazardous)
CAS No. : none – mix

CALIFORNIA No Proposition 65 chemicals known to exist in this product.

PROPOSITION 65:

VOLATILE ORGANIC COMPOUNDS (VOCS): 0 grams/liter

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings. **CANADIAN WHMIS CLASS: NONE**

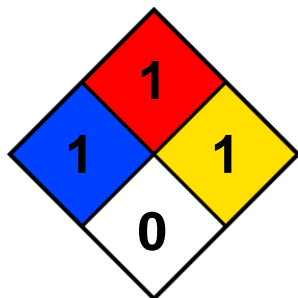
COMPONENT RCRA CLASSIFICATIONS: Not regulated

COMPONENT RCRA CODES: No information

CERCLA RQ VALUE (MINIMUM): None known

Section 16: Other Information

16.1 NFPA 704



Top, Flammability: 1 – Severe Hazard

Left, Health Hazard: 1 – Moderate Hazard

Right, Reactivity: 1 – Minimal Hazard

Bottom, Special Notice: 0 - None

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