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**Product name: SILICON CARBIDE COATED ABRASIVE**

Date of issue : January 01, 2005

**1. Substance / preparation**

Product name: Silicon Carbide Coated Abrasive

**2. Composition / Information on Ingredients**

SUBSTANCE DESCRIPTION	PERCENT	CAS#
Cloth or Paper Backing	45.000- 55.000	N/A
Silicon Carbide	15.000- 25.000	409-21-2
Zinc Stearate(*)	3.000- 13.000	557-05-1
Cured PhenolFormaldehyde Resin	5.000- 27.000	9003-35-4
Animal Glue Bond	5.000- 27.000	N/A
Cured Urea Formaldehyde Resin	5.000- 27.000	9011-05-6

**OTHER**

(\*) This substance is regulated under section 313 of the Emergency Planning and Community Right - to - Know Act of 1986 and the Canadian National Pollution Reduction Initiative(NPRI)

**3. Hazards Identification**

**INHALATION ACUTE EXPOSURE EFFECTS:** Dust may be slightly irritating to eyes and respiratory tract at high concentrations.

**INHALATION CHRONIC EXPOSURE EFFECTS:** Chronic: May affect breathing capacity. For products containing phenol/formaldehyde resin, dust generated from intended use may contain trace amounts of phenol and formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction. For products containing inorganic fluorides, excessive exposure to inorganic fluorides have been shown to increase bone density.

**EYE CONTACT ACUTE EXPOSURE EFFECTS:** Dust may irritate eyes.

**SKIN CONTACT ACUTE EXPOSURE EFFECTS:** Some may experience skin irritation from dust.

**INGESTION ACUTE EXPOSURE EFFECTS:** No known adverse effects, but ingestion not recommended.

**4. First Aid Measures**

**INHALATION:**Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

**SKIN CONTACT:** Wash affected areas with soap and water. Obtain medical assistance.

**EYE CONTACT:** Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

**INGESTION:** Call poison control center, hospital emergency room or physician immediately.

## 5. Fire Fighting Measures

FIRE FIGHTING PROCEDURES: Not Applicable  
HAZARDOUS PRODUCTS/COMBUSTION: None.  
HAZARD RATING SOURCE: NFPA  
HEALTH: 1  
FLAMMABILITY: 0  
REACTIVITY: 0  
OTHER

## 6. Accidental Release Measures

CLEAN-UP: Follow normal clean up procedures.

## 7. Handling and Storage

HANDLING: Handle with adequate ventilation for nuisance dust.

## 8. Exposure Controls / Personal Protection

VENTILATION PROTECTION: Recommend using local exhaust ventilation when general ventilation is not keeping the airborne concentration below the TLV.

RESPIRATORY PROTECTION: Respirators are required when airborne contaminant levels exceed the TLV(s).

EYE PROTECTION: Always WEAR SAFETY GLASSES or some type of eye protection while sanding.

OTHER PROTECTION: Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.134 and other applicable regulations).

## 9. Physical and Chemical Properties

APPEARANCE & ODOR: Solid article. Odorless.

## 10. Stability and Reactivity

INCOMPATIBILITIES: Avoid acids of all types with a pH < 4.0.

DECOMPOSITION: In use, dust and decomposing odors may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components.

## 11. Toxicological Information

CARCINOGENICITY: Not Applicable

LD50/LC50: Values are not appropriate or available.

## 12. Ecological Information

CHEMICAL FATE: Not Applicable

**13. Disposal Considerations**

WASTE DISPOSAL: Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.

**14. Transport Information**

HAZARD CLASS: This product is not hazardous as defined by the Department of Transportation.(USA) This product is "Not Regulated" under the Transportation of Dangerous Goods Act. (CAN)

**15. Regulatory Information**

SUBSTANCE DESCRIPTION	EXPOSURE LIMITS/REGULATORY INFORMATION			
	UNITS	OSHA	ACGIH	MOL
Cloth or Paper Backing	PPM	0.0000	0.0000	0.0000
Silicon Carbide	MG/M3	10.0000	10.0000	10.0000
Zinc Stearate(*)	MG/M3	10.0000	10.0000	10.0000
Cured PhenolFormaldehyde Resin	PPM	0.0000	0.0000	0.0000
Animal Glue Bond	PPM	0.0000	0.0000	0.0000
Cured Urea Formaldehyde Resin	PPM	0.0000	0.0000	0.0000

LEGEND:

EXPOSURE LIMIT DESCRIPTIONS

CA PROP 65

Not Applicable

TSCA

Section 8(b) - Inventory Status

All components of this product are registered under the regulations of the Toxic Substance Control Act.

DOMESTIC SUBSTANCE LIST: All components of this product are found on the Domestic Substance List.

**16. Other Information**

KEY TO ABBREVIATIONS:

EQ=Equal

LT=Less Than

GT=Greater Than

AP=APproximately

TR=TRace

ND=No Data available

DISCLAIMER: The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, the Company makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

