

**MATERIAL SAFETY DATA SHEET**



DATE PRINTED: FEB 26, 2010  
MSDS NO. SICCOAT001                      OUTBOUND  
Silicon Carbide Coated Abrasives

**SECTION 1. CHEMICAL PRODUCT/COMPANY INFO.**

PRODUCT NAME  
Silicon Carbide Coated Abrasives  
TRADE NAME  
Durite - CAP Codes: H4XX, A4XX, E4XX, G4XX, Q4XX, R4XX, S4XX, T4XX, U4XX, W4XX  
MANUFACTURER(4)  
Saint-Gobain Abrasives, Inc.  
1 New Bond St  
Worcester, MA. 01615  
(800) 543-4335  
EMERGENCY TELEPHONE #1  
(508) 795-5000  
SUPPLIER  
Saint-Gobain Abrasives Canada, Inc.  
PO Box 3008  
Hamilton, Ont., Canada L8L 7Y5  
(905) 547-2551  
PRODUCT USE  
Various grinding, polishing, cutting and sanding tasks  
REVISION DATE  
2/03/2010  
MSDS PRINT FORMAT  
NORTONCAN  
WHMIS HAZARD CLASS  
D2B

**SECTION 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
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  
Not Applicable  
DOMESTIC SUBSTANCE LIST  
All components of this product are found on the Domestic Substance List.  
LD50/LC50  
Values are not appropriate or available.

**SECTION 3. PHYSICAL AND CHEMICAL PROPERTIES**

PRODUCT STATE  
Solid  
APPEARANCE & ODOR  
Solid article. Odorless.  
ODOR THRESHOLD (ppm)  
NA

SPECIFIC GRAVITY  
NA

VAPOR PRESSURE (mm Hg)  
NA

VAPOR DENSITY (Air = 1.0)  
NA

EVAPORATION RATE  
NA

BOILING POINT  
F C

pH FACTOR  
NA

COEFFICIENT OF OIL/WATER  
NA

#### **SECTION 4. FIRE FIGHTING MEASURES**

FLASH POINT  
F C NA

UPPER EXPLOSION LIMIT  
NA

LOWER EXPLOSION LIMIT  
NA

AUTO IGNITION TEMPERATURE  
F C NA

EXTINGUISHING METHOD  
Not Applicable

HAZARDOUS PRODUCTS/COMBUSTION  
None.

OTHER FIRE + EXPLOSION HAZARDS  
Not Applicable

#### **SECTION 5. STABILITY AND REACTIVITY**

STABILITY  
Stable.

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.

#### **SECTION 6. TOXICOLOGICAL INFORMATION**

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.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

Some may experience skin irritation from dust.

EYE CONTACT ACUTE EXPOSURE EFFECTS

Dust may irritate eyes.

INGESTION ACUTE EXPOSURE EFFECTS

No known adverse effects, but ingestion not recommended.

EXPOSURE LIMITS/REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	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
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

CARCINOGENICITY

Not Applicable

**SECTION 7. 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).

HANDLING

Handle with adequate ventilation for nuisance dust.

WASTE DISPOSAL

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

**SECTION 8. 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.

**SECTION 9. OTHER INFORMATION**

MSDS DATA SOURCE

SUPPLIER MSDS

CREATED BY

CRPKPF

CREATION DATE

9/26/1995

EMERGENCY TELEPHONE #2

(508) 795-5000

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KEY TO ABBREVIATIONS:

EQ=Equal

AP=Approximately

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LT=Less Than

TR=Trace

GT=Greater Than

ND=No Data available