



MATERIAL SAFETY DATA SHEET

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SECTION I : MATERIAL IDENTIFICATION AND USE

Material Identifier : BONDED ABRASIVE PRODUCTS

Trade Names and Synonyms : VITRIFIED BONDED PRODUCTS

Chemical Family :

Chemical Name :

Molecular Weight :

Chemical Formula :

Material Use :

SECTION II : HAZARDOUS INGREDIENTS

	Approximate Concentration %	C.A.S.	Exposure limits	LD ₅₀ /LC ₅₀
Aluminum oxide or silicon carbide } }	75%	1344-28-1 409-21-2	10 mg/m ³ 10 mg/m ³	Not available Not available
Silica, amorphous, fused	<7%	60-676-86-0	0.2 mg/m ³	Not available
<hr/> <u>May contain</u> <hr/>				
Inserted lead bushing	1%	7439-92-1	0.15 mg/m ³	Not available

MATERIAL IDENTIFIER : BONDED ABRASIVE PRODUCT

SECTION III : PHYSICAL DATA

Physical State : solid
Odour and Appearance : odourless
Odour Threshold : Not applicable
Specific Gravity :
Vapour Pressure : Not applicable
Vapour Density : Not applicable
Evaporation Rate : Not applicable
Boiling Point : Not applicable
Freezing Point : Not applicable
Solubility in Water : Not applicable
% Volatile : Not applicable
pH : Not applicable
Coefficient of water/oil distribution : Not applicable

SECTION IV : FIRE AND EXPLOSION HAZARD DATA

Flammibility : () Yes (X) No
Means of Extinction : Not applicable
Special Procedures : Not applicable
Flashpoint (°C) and Method : Not applicable
Upper Explosive Limit (% by Volume) : Not applicable
Lower Explosive Limit (% by Volume) : Not applicable
Auto Ignition Temperature (°C) : Not applicable
TDG Flammability Classification : Not applicable
Hazardous Combustion Products : Not applicable
Explosion Data Sensitivity to Chemical Impact : Not applicable
Rate of Burning : Not applicable
Explosive Power : Not applicable
Sensitivity to Static Discharge : Not applicable

SECTION V : REACTIVITY DATA

Chemical Stability (X) Yes () No
Incompatibility to Other Substances : () Yes (X) No

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Reactivity and Under what Conditions : None

Hazardous Decomposition Products : Not applicable

Hazardous Polymerization : () May Occur (X) Will not Occur

SECTION VI : TOXICOLOGICAL PROPERTIES

Route of Entry : () Skin Contact () Skin Absorption () Eye Contact

(X) Inhalation Acute (X) Inhalation Chronic () Ingestion

Effects of Acute Exposure to Product : Breathing function may be impaired.

Effects of Chronic Exposure to Product : Breathing function may be impaired.

LD₅₀ of Product (Specify Species and Route) : Not available

LC₅₀ of Product (Specify Species) : Not available

Irritancy of Product : Not applicable

Exposure Limits of Product : Not available

Sensitization to Product : Not applicable

Synergistic Materials : Not applicable

Carcinogenicity : () Yes (X) No

Reproductive Effects : () Yes (X) No

SECTION VII : PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Respiratory : Any approved dust mask.

Eye : Safety glasses.

Hearing : Use hearing protection where applicable.

ENGINEERING CONTROLS

Ventilation : Adequate ventilation or local exhaust.

Leak and Spill Procedure : Not applicable

Waste Disposal : Not applicable

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**Handling Procedures and Equipment : Exercise caution to avoid damaging product.
For more information refer to CSA B173.5 and
ANSI B7.1.**

**Storage Requirements : Keep in a dry location, avoid damaging product. For more
information refer to CSA 173.5 and ANSI B7.1**

SECTION VIII : FIRST AID MEASURES

Skin : Small cuts and abrasions treat normally, for more serious injury seek medical aid.

Eye : Flush with water, seek medical aid.

Inhalation : Remove to fresh air, seek medical aid.

Ingestion : Not applicable.

SECTION IX : PREPARATION DATE OF MSDS

Prepared by : Safety Department

Preparation Date : September 1991