

Material Safety Data Sheet

000591

142-A

("Essentially Similar" to Form OSHA 20)

BAY STATE ABRASIVES



- AMMCO
- P/N 5
- A-619
- A-620
- A-621
- A-1741
- A-3760
- A-3833
- A-3840
- A-4040
- A-3951
- A-3952
- A-3953
- A-3954
- A-8560
- A-8588
- A-8589
- A-8590
- A-8288
- A-9576
- A-5353
- A-6883
- A-6884

***** SECTION I *****

NAME AND ADDRESS:
 BAY STATE ABRASIVES
 DIVISION OF DRESSER INDUSTRIES
 12 UNION STREET
 WESTBORO, MA 01581

EMERGENCY TELEPHONE NUMBER:
 (617) 366-4431

CHEMICAL NAME AND SYNONYMS:

Resinoid Silicon Carbide
 Abrasive Products

TRADE NAME AND SYNONYMS:

Resin Bonded Silicon
 Carbide Abrasive Products,
 "C" Abrasive Wheels

CHEMICAL FAMILY:

Carbide
 Resin

FORMULA:

SiC
 Cured Phenolic based,
 and other cured resins

***** SECTION II - HAZARDOUS INGREDIENTS *****

INGREDIENT	CAS#	%	TLV
Silicon Carbide	7440-67-21	+50%	10 mg/cu.M
Cured Resin	NA	+ 4%	10 mg/cu.M
Cresol Isomers	1319-77-3	-.5%	22 mg/cu.M*

May contain one or more of the following:

Graphite	7782-45-5	+1%	15 mg/cu.M
Sulfur	7704-34-9	+1%	10 mg/cu.M
SARAN	75-35-5	+1%	20 mg/cu.M*
Aluminum Powder	7429-90-5	+1%	10 mg/cu.M
Copper Powder	7440-50-8	+1%	1 mg/cu.M
Barytes.	7727-43-7	+1%	10 mg/cu.M
Cryolite	15096-52-3	+1%	2.5 mg/cu.M
Pyrite (FeS)	NA	+1%	2 mg/cu.M
Lime	1305-78-8	+1%	2 mg/cu.M
Wollastonite	1344-95-2	+1%	10 mg/cu.M
Glass Mesh	NA	+1%	10 mg/cu.M
DPR Rubber	78-79-5	+1%	NA

*Listed by NTP as a carcinogen.

***** SECTION III - PHYSICAL DATA *****

BOILING POINT (Deg F): NA SPECIFIC GRAVITY (H2O = 1): Varies
 VAPOR PRESSURE (mm HG): NA PERCENT VOLATILES BY VOLUME (%): 0
 VAPOR DENSITY (Air = 1): NA EVAPORATION RATE (____=1): NA
 SOLUBILITY IN WATER: Not soluble
 APPEARANCE AND ODOR: Solid, various gray and brown colors, odorless

BAY STATE
ABRASIVES

DRESSER

* * * * * SECTION IV - FIRE AND EXPLOSION HAZARD DATA * * * * *

FLASH POINT (METHOD USED): NA FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: NA
SPECIAL FIRE FIGHTING PROCEDURES: NA

UNUSUAL FIRE AND EXPLOSION HAZARD: None

* * * * * SECTION V - HEALTH HAZARD DATA * * * * *

THRESHOLD LIMIT VALUE: 10 mg/cu.M SiC - ACGIH 1984-85
EFFECTS OF OVER-EXPOSURE: Grinding wheel dust is classified under
OSHA as inert or nuisance dust and would have the pulmonary effects
of inert dust. Resin coated glass fabric is used in some products
as reinforcement. Note the carcinogen reference in Section II.
EMERGENCY AND FIRST AID PROCEDURES: Should not be necessary.

* * * * * SECTION VI - REACTIVITY DATA * * * * *

STABILITY: Very Stable CONDITIONS TO AVOID: None Known
INCOMPATIBILITY (MATERIALS TO AVOID): None Known
HAZARDOUS DECOMPOSITION PRODUCTS: Unknown
HAZARDOUS POLYMERIZATION: Will Not Occur

* * * * * SECTION VII - SPILL OR LEAK PROCEDURES * * * * *

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Ventilate area and collect material in most convenient and safe
manner for reclamation or disposal.

WASTE DISPOSAL METHOD:

Dispose of in a secured sanitary landfill and in accordance with
federal, state and local regulations.

* * * * * SECTION VIII - SPECIAL PROTECTION INFORMATION * * * * *

RESPIRATORY PROTECTION: MSHA or NOISH Approved Dust Respirators
may be required.

VENTILATION: Utilize local exhaust to keep dust below TLV.

PROTECTIVE GLOVES: May be required in grinding operations.

EYE PROTECTION: Required OTHER PROTECTIVE EQUIPMENT: If Applicable

* * * * * SECTION IX - SPECIAL PRECAUTIONS * * * * *

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a dry
area. Take measures to insure against mechanical damage.

OTHER PRECAUTIONS:

1. Store in accordance with ANSI B7.1.
2. Respiratory protection may be required in an extremely dusty
environment. Refer to ANSI Z43.1 for additional recommendations.
3. Use according to instructions
packed with the wheels.

PREPARED: 11/14/85