

Material Safety Data Sheet

("Essentially Similar" to Form OSHA 20)

BAY STATE
ABRASIVES

DRESSER

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:

Vitrified Aluminum Oxide
Abrasive Products

TRADE NAME AND SYNONYMS:

Vitreous Bonded Alumina
Abrasive Products,
"A" Abrasive Wheels

CHEMICAL FAMILY:

Oxide
Glass

FORMULA:

Aluminum Oxide
Silicate base oxide glass

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT

CAS#

%

TLV

Aluminum Oxide Abrasive	1344-28-1	+50%	10 mg/cu.M
Glass		+4%	10 mg/cu.M

May contain one or more of the following
as solid treatments:

Graphite	7782-45-5	+1%	15 mg/cu.M
Sulfur	7704-34-9	+1%	10 mg/cu.M
Paraffin or Wax	8002-74-2	+1%	2 mg/cu.M
Cured Resin	NA	+1%	10 mg/cu.M
Silicate	NA	+1%	10 mg/cu.M

SECTION III - PHYSICAL DATA

BOILING POINT (Deg F): NA

VAPOR PRESSURE (mm HG): NA

VAPOR DENSITY (Air = 1): NA

SOLUBILITY IN WATER NA

APPEARANCE AND ODOR: Red, Pink, Brown, Blue, Gray or White Solid, No Odor

SPECIFIC GRAVITY (H2O = 1): Varies

PERCENT VOLATILES BY VOLUME (%): 0

EVAPORATION RATE (____=1): NA

* * * * * 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: Does not burn or explode.

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

THRESHOLD LIMIT VALUE: 10 mg/cu.M - Alumina
EFFECTS OF OVER-EXPOSURE: Grinding wheels break down during use and the resulting dust is classified by OSHA as inert or nuisance dust and would have the pulmonary effects of inert dust.
EMERGENCY AND FIRST AID PROCEDURES: If inhalation overexposure occurs, remove to fresh air and contact physician if necessary.

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

STABILITY: Stable CONDITIONS TO AVOID: NA
INCOMPATIBILITY (MATERIALS TO AVOID): None Known
HAZARDOUS DECOMPOSITION PRODUCTS: None
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:

Sealed containers disposed 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. See Section IX
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:

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