DPM 1150 Abrasive, Aluminum Oxide

JAN 17 1982

FEB 26 1980

MATERIAL SAFETY DATA SHEET

The purpose of this data sheet is to obtain technical information for each specific material from the manufacturer. This information is required to evaluate health, safety and environmental hazards, determine precautions and make final recommendations for use of the material. The information requested will be kept confidential and disclosed only as necessary to meet requirements of the Occupational Safety and Health Act of 1970 or as required by any other Federal, State or Local regulations.

SECTION I

MANUFACTURER'S NAME: The Carborundum Company	EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street, City, State, and Zip Code): P. O. Box 423, Niagara Falls, N.Y. 14302	
CHEMICAL NAME AND SYNONYMS: Aluminum Oxide	TRADE NAME AND SYNONYMS: Blastite - NIAGARA BLAST
CHEMICAL FAMILY: Metallic oxide	FORMULA: Al_2O_3

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
Pigments			Base Metal		
Catalyst			Alloys		
Vehicle			Metallic Coatings		
Solvents			Filler Metal Plus Coating or Core Flux		
Additives			Others		
Others					

HAZARDOUS MIXTURES OF OTHER SOLVENTS	%	TLV (Units)
Aluminum Oxide		

SECTION III - PHYSICAL DATA

Boiling Point (°F)	4000°F	Specific Gravity (H_2O = 1)	3.99
Vapor Pressure (mm Hg.)	NA	Percent Volatile by Volume (%)	none
Vapor Density (Air = 1)	NA	Evaporation Rate (_____ = 1)	none
Solubility in Water	negligible		

Appearance and Odor: white, grey, brown or pink - granular or powder - no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

			LEL	UEL
Flash Point (Method used)	NA	Flammable Limits NA		

Extinguishing Media: non flammable

Special Fire Fighting Procedures: non flammable

Unusual Fire and Explosion Hazards: none

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value 30 mppcF-15mg/m^3 (total dust) 5mg/m^3 respirable dust

Effects of Overexposure none

Emergency and First Aid Procedures

SECTION VI - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatability (*Materials to avoid*) none

Hazardous Decomposition Products none

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

May be shoveled up - no extraordinary precautions necessary

Waste Disposal Method material is inert, may be disposed of as fill or any means available for inert material.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (*Specify type*) approved dust respirator

Ventilation	Local Exhaust keep dust concentration below TLV	Special
	Mechanical (*General*)	Other

Protective Gloves

Eye Protection avoid particles in eye

Other Protective Equipment

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing

None

Other Precautions