

MSDS No. : NAC060707

Material Data Sheet for N561HB

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Storage : Keep away from fire, heat, and flame. Keep material dry. Keep away from acids, alkalis.
Exhaust ventilation is recommended.

SECTION-8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines :

Ingredient Name	CAS No	OSHA PEL	ACGIH TLV
Calcium hydroxide	1305-62-0	15mg/m3	5mg/m3
Zirconium silicate	10101-52-7	5mg/m3	5mg/m3
Mica	12001-26-2	20mppcf	3mg/m3
Copper	7440-50-8	1mg/m3	1mg/m3
Barium sulfate	7727-43-7	15mg/m3	10mg/m3
Graphite	7782-42-5	15mppcf	2mg/m3
Tin sulfide	1314-95-0	2mg/m3	2mg/m3
Zirconium dioxide	1314-23-4	5mg/m3	5mg/m3
Lithium potassium titanium oxide	39318-30-4	EPA NCEL 5mg/m3	none

Engineering controls :

Friction materials are molded articles and neither gives off nor reveals hazard materials. But machining (grinding, drilling, etc) can result in the release of airborne dust, and dust excess OSHA permissible exposure Level (PEL) is considered hazardous.

Personal Protective Equipment :

Eye/face protection : Safety glasses are recommended.
 Skin protection : Rubber gloves are recommended.
 Respiratory protection : Not required under normal conditions and adequate ventilation. If the exposure limit is exceeded, use of NIOSH approved face mask(N-95 or better) is recommended.
 In the case of fire or explosion, Self Contained Breathing Apparatus(SCBA) should be used.

General hygiene considerations : Wash thoroughly after handling.

SECTION-9 PHYSICAL AND CHEMICAL PROPERTIES

Vapor pressure :	Not applicable	Vapor density :	Not applicable
Specific gravity :	2 ~ 3	Evaporation rate :	Not applicable
Solubility in water :	Negligible	Freezing point :	Not applicable
pH :	Not applicable	Viscosity :	Not applicable
Appearance and odor :	Articles, Brown/gray color, Odorless		
Boiling point :	Not applicable		