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1

Page: 3/5

<b>1305-62-0 calcium dihydroxide</b>	
PEL	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL	Long-term value: 5 mg/m <sup>3</sup>
TLV	Long-term value: 5 mg/m <sup>3</sup>
<b>7429-90-5 aluminium</b>	
PEL	Long-term value: 15*; 5** mg/m <sup>3</sup> *Total dust; ** Respirable fraction
REL	Long-term value: 10* 5** mg/m <sup>3</sup> as Al*Total dust**Respirable/pyro powd./welding f.
TLV	Long-term value: 1* mg/m <sup>3</sup> as Al; *as respirable fraction, A4

## 8.2 Exposure controls / Personal protective equipment

Respiratory protection	Suitable respiratory protective device recommended Dust mask FFP2
Hand protection	Protective-gloves (dust-resistant)*

### **Recommendation regarding choice of gloves for handling brake pads**

Because of abrasive particles and metal fibers as components in brake pads, mechanical protection is the main criterion for the selection of gloves. Therefore multi-purpose industrial gloves for light applications with good levels of comfort and abrasion resistance are recommended.

Type	Construction	Finishing
Mechanical Protection	Knitted	Palm coated

See: American National Standard for Hand Protection Selection Criteria, ANSI/ISEA 105-2016

Abrasion resistance:	Performance level 4
Cut resistance:	Performance level 1
Puncture resistance:	Performance level 1

Eye protection	Safety goggles with side protection.*
Skin protection	Dust resistant protective clothing.*

\* recommended for mechanical processing

Protective and hygiene measures	Do not breathe dust. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with the general hygienic rules.
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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	solid
Colour	grey
Odour	characteristic

### Changes in the physical state

Flash point	n.a.
Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Ignition temperature:	n.a.
Water solubility: (at 20 °C)	insoluble