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<h1>Emery</h1>		
<p>Synonyms & Trade Names Aluminum oxide, Aluminum trioxide, Corundum, Impure corundum, Natural aluminum oxide [Note: Emery is an impure variety of Al₂O₃ which may contain small impurities of iron, magnesium & silica Corundum is natural Al₂O₃.]</p>		
<p>CAS No. 1302-74-5 (corundum)</p>	<p>RTECS No. <u>GN0231000</u> (corundum)</p>	<p>DOT ID & Guide</p>
<p>Formula Al₂O₃</p>	<p>Conversion</p>	<p>IDLH N.D. See: <u>IDLH INDEX</u></p>
<p>Exposure Limits NIOSH REL : See <u>Appendix D</u> OSHA PEL †: TWA 15 mg/m³ (total) TWA 5 mg/m³ (resp)</p>		<p>Measurement Methods NIOSH <u>0500</u>  , <u>0600</u>  See: <u>NMAM</u> or <u>OSHA Methods</u> </p>
<p>Physical Description Odorless, white, crystalline powder.</p>		
<p>See α-Alumina for physical & chemical properties.</p>		
<p>Incompatibilities & Reactivities</p>		
<p>Exposure Routes inhalation, ingestion, skin and/or eye contact</p>		
<p>Symptoms irritation eyes, skin, respiratory system</p>		
<p>Target Organs Eyes, skin, respiratory system</p>		
<p>Personal Protection/Sanitation (See <u>protection codes</u>) Skin: No recommendation</p>		<p>First Aid (See <u>procedures</u>)</p>

Eyes: No recommendation
Wash skin: No recommendation
Remove: No recommendation
Change: No recommendation

Eye: Irrigate immediately

Breathing:
Fresh air
Swallow:
Medical attention immediately

Respirator Recommendations

Not available.

Important additional information about respirator selection

See also: INTRODUCTION

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