Section 1: Identification

Product Identifier

Description: Ceramic parts manufactured from Aluminium Oxide, ≤ 96%
Chemical Abstract Service (CAS) Registry Number: 1344-28-1
Synonyms: AL2O3

Relevant identified uses of the substance or mixture and uses advised against

Recommended use Consult the supplier
Uses advised against Users are recommended to seek further advice

Supplier Contact Information
Technical Products, Inc.
PO Box 189
Hubertus, WI 53033

Emergency Phone Information
Technical Products, Inc. 1-262-335-3635

Section 2: Hazards Identification

Classification of the substance or mixture

Globally Harmonized System of Classification (GHS)
Not classified as hazardous

Proprietary Organic Additives
Not classified as hazardous

Label Elements

<table>
<thead>
<tr>
<th>Hazard pictogram</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word</td>
<td>None</td>
</tr>
<tr>
<td>Hazard statement</td>
<td>None</td>
</tr>
<tr>
<td>Precautionary statement</td>
<td>Avoid breathing dust</td>
</tr>
<tr>
<td></td>
<td>Wear eye protection</td>
</tr>
<tr>
<td></td>
<td>In case of inadequate ventilation wear respiratory protection</td>
</tr>
<tr>
<td></td>
<td>If in eyes: Rinse continuously with water for several minutes</td>
</tr>
<tr>
<td></td>
<td>If on skin: Wash with soap and water</td>
</tr>
</tbody>
</table>

Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th>CAS</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum oxide (non-ferrous)</td>
<td>1344-28-1</td>
<td>90 - 100</td>
</tr>
<tr>
<td>Proprietary Organic Additives</td>
<td>Mixture</td>
<td>0 -10</td>
</tr>
</tbody>
</table>
Section 4: First Aid

Description of First Aid Measures
In circumstances where dust may be generated from machining or disposal

Eye Contact
Rinse cautiously with water for several minutes. Remove contact lenses if present, and easy to do. Continue rinsing.

Skin Contact
Wash skin with soap and water. Ingestion Rinse mouth. Inhalation Move to fresh air.

General Advice
If symptoms persist, call a physician. Show this safety data sheet to doctor in attendance.

Section 5: Fire-Fighting Measures

Extinguishing Media
Suitable extinguishing Media
The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing Media which must not be used for safety reasons
None known

Section 6: Accidental Release Measures

Environmental Release Measures
No special environmental precautions required.

Methods and material for containment and cleaning up
Clean up promptly by scoop or vacuum. Place into appropriate container for disposal.

Section 7: Handling And Storage

Precautions for Safe Handling
In circumstances where dust may be generated from machining or disposal

Handling
Provide appropriate exhaust ventilation at places where dust is formed.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.
Exposure scenario
No information available

Conditions for safe storage, including any incompatibilities
Keep in a dry place.

Section 8: Exposure Controls/ Person Protection

Control parameters

Exposure Limits
Applies to circumstances where dust may be generated from machining or disposal

Exposure controls

Engineering controls
Ensure adequate ventilation in circumstances where dust may be generated from machining or disposal, especially in confined areas.

Personal protective equipment
In circumstances where dust may be generated from machining or disposal:

Eye Protection
Safety glasses with side-shields.

Skin Protection
No special protective equipment required.

Hand Protection
No special protective equipment required.

Environmental exposure controls
Avoid dust formation

Section 9: Information on Basic Physical And Chemical Properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Ivory or white</td>
</tr>
<tr>
<td>Melting point</td>
<td>2000°C.</td>
</tr>
<tr>
<td>Relative density</td>
<td>3.60 to 3.950 g/cm³</td>
</tr>
</tbody>
</table>
Section 10: Accidental Release Measures

Reactivity
None under normal processing

Chemical Stability
Stable under normal conditions

Possibility of Hazardous Reactions
None under normal processing

Conditions to Avoid
No known conditions to avoid

Incompatible materials
No incompatible materials known

Hazardous Decomposition Products
None under normal processing

Section 11: Toxicological Information

Note: The products itself has not been tested.

Acute Dermal Toxicity
No data available

Acute Inhalation Toxicity
This product may contain particles whose diameters are less than 1 micron. The human health is questionable given the unrealistic level and manner of exposure involved.

Respiratory Skin or Sensitization
No data available

Carcinogenic effects
Contains no ingredient listed as a carcinogen
Section 12: Ecological Information

Aquatic Toxicity
Product is an inorganic solid that is not bioavailable to aquatic biota and non-toxic

Other adverse effects
None known

Section 13: Disposal Considerations

Waste Treatment Methods

Waste from residue / unused products
Disposal should be in accordance with application regional, national and local laws and regulations.
Avoid dust formation.

Contaminated packaging
Empty containers should be taken to an approval waste handling site for recycling or disposal.

Section 14: Transport Information

Note: Not classified as dangerous according to transport regulations

DOT (US) Not regulated
IATA Not regulated
IMDG Not regulated

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories
TSCA Complies
EINECS/ELINCS Complies
DSL/NDSL Listed on DSL
PICCS Complies
ENCS Complies
IECSC Complies
AICS Complies
KECL Complies
Legend
TSCA- United States Toxic Substance Control Act Section 8(b) Inventory
EINECS/ELINCS- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substance
DSL/NDSL- Canadian Domestic Substances List/Non-Domestic Substances List
PICCS- Philippines Inventory of Chemicals and Chemical Substances
ENCS- Japan Existing and New Chemical Substances
IECSC- China Inventory of Existing Chemical Substances
AICS- Australian Inventory of Chemical Substances
KECL- Korean Existing and Evaluated Chemical Substances

Chemical Safety Assessment
A Chemical Safety Assessment has been carried out

Section 16: Other Information

Prepared by: _________________ Date: _________________

Updates
The most current version of this Safety Data Sheet is available at this URL: Technical Products, Inc.

Disclaimer
The information contained in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, transportation and disposal, and is not to be considered a warranty or quality specification. Technical Products, Inc. assumes no liability to any user based upon use of product or reliance upon the information contained in this Safety Data Sheet.