

MATERIAL SAFETY DATA SHEET

NON HAZARDOUS BY CRITERIA OF WORKSAFE AUSTRALIA

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IDENTIFICATION

PRODUCT NAME: POLISHING ALUMINA PN202 and AR12TA

OTHER NAMES: ALUMINIUM OXIDE, Al₂O₃.

U.N. NUMBER: None

CAS REGISTRY No.: 1344-28-1

EINECS-No.: 215-691-6

HAZARDOUS INGREDIENTS: None

USE: To be used as an abrasive powder for polishing.

PHYSICAL DESCRIPTION/PROPERTIES:

Fine white crystalline powder.

Melting Point: 2045 °C

Boiling Point: 3530 °C

Density approx. 3.9 g/cm³

No flash point, not combustible, not soluble in water, no hazardous decomposition products.

HAZARDOUS INGREDIENTS: None

HEALTH HAZARD INFORMATION

TOXICOLOGICAL INFORMATION

No toxicity known. Aluminium oxide is not listed as a hazardous or noxious substance. Aluminium oxide is practically insoluble in water and therefore not comparable to possible effects of soluble aluminium compounds. The product is suitable for use with foodstuffs. Eye irritation is caused by mechanical effects.

ECOLOGICAL INFORMATION

Aluminium is present with 8% in the earth's crust and is, together with oxygen and silicon, one of the three most common elements.

DISPOSAL CONSIDERATIONS

Dispose of waste from residues, unused products and contaminated packaging in accordance with local and national regulations.

TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

OTHER INFORMATION

Registration status: Australia: AICS, Europe/EC: EINECS, USA: TSCA, Japan: MITI, Canada: EPA DSL