

◆ *Carbon Enterprises Ltd.*

MATERIAL SAFETY DATA SHEET

ALUMINIUM SILICATE GA 124, P14 P15 AND P15NA

1. PRODUCT AND COMPANY IDENTIFICATION

Identification	Aluminium silicate P15
Purpose	Abrasive/polishing agent
Company	Carbon Enterprises Ltd. 10 Orchard Way, Esher, KT10 9DY
Telephone	+44 1372 800 481
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Email	ce@carbonenterprises.co.uk

2. HAZARDS IDENTIFICATION

Hazards statements	Product does not require hazards labelling
Other hazards	None known
Special dangers in the human environment	When wet becomes slippery underfoot

3. COMPOSITION / INGREDIENTS

Chemical name	Calcined aluminium silicate
CAS-No.	1332-58-7
EINECS	310-194-1
REACH	Naturally occurring material so exempt from REACH registration

4. FIRST AID MEASURES

General info	Take affected persons into the open air
Skin contact	Wash off at once with soap and water
Eye contact	Rinse with plenty of water. If irritation continues consult a doctor
Inhalation	Supply fresh air. If symptoms occur consult a doctor.
Ingestion	Rinse the mouth with water

5. FIRE FIGHTING MEASURES

Extinguishing	Use fire fighting methods that suit the environment. Water, foam, extinguishing powder, carbon dioxide
Special exposure hazards arising from the substance or preparation, combustion products or resulting gases	Product does not burn
Protective fire fighting equipment	Breathing apparatus and clothing to suit the environment

6. ACCIDENTAL RELEASE MATERIALS

Personal	Avoid causing dust. Use breathing protection against the effect of airborne dust. Product slippery when wet
Environmental	Damp down dust with water. Dispose of dirty wash water appropriately
Clean up	Collect mechanically. Avoid dust. Dispose of collect material appropriately
Additional	See section 13

7. HANDLING AND STORAGE

Handling

Safe handling	Ensure good ventilation at the workplace. Prevent formation of dust
Fire and explosion	The product is not flammable. In high density dust can combine with air to cause an explosion

Storage

Storage room and container	Store in original container. Cool and dry
Storage assembly	Store away from oxidising agents
Storage class	13
Specific use	NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits	NA
Components with occupational exposure limits requiring monitoring	None
Exposure controls	NA
Occupational exposure controls	Long term respirable dust. 2 mg/m ³
General protective measures	Usual precautionary measures should be observed. Wash hands before breaks and at the end of the working day.
Respiratory protection	Not necessary if the room is well ventilated. Otherwise wear a dust mask
Hand protection	Rubber or leather gloves. The breakthrough time must be obtained from the manufacturer

8. (cont)

Eye protection	Tightly sealed safety glasses
Protective clothing	Protective work clothing
Environmental exposure controls	NA
Consumer exposure controls	NA

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Powder
Colour	White
Odour	None

Health, safety, environmental

pH (280g/l @ 20 degrees C)	~ 6
Boiling temperature	Not determined
Flash point	Not applicable
Vapour pressure	Not applicable
Density (@ 20 degrees C)	2.63 g/cm ³
Water solubility	Insoluble
Fat solubility	Insoluble
Lower explosion limit	Not explosive
Upper explosion limit	Not explosive
Oxidising properties	Not oxidising
Determination of safety characteristics of dust concentrations	Unavailable

10. STABILITY AND REACTIVITY

Conditions to avoid	No decomposition if used according to spec
Materials to avoid	Styrene monomer
Reaction (styrene monomer)	Under certain conditions the product may catalyse the chain polymerisation of styrene monomer producing an exothermic reaction which may generate large amounts of heat and cause combustion. Do not mix the product directly with styrene monomer. This reaction does not occur if the product is added to polyester resins containing free styrene. If the formulation requires additional styrene monomer to be added at the end of the mix cycle the product must be fully dispersed in the polyester resin before incorporating the styrene monomer

11. TOXICOLOGICAL INFORMATION

Primary irritant effect on the skin	Prolonged or repeated contact leads to drying of skin
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11. (cont)

Eye contact	Ocular irritation of a mechanical nature. Symptoms can include irritation, redness or corneal scratches
Inhalation	Prolonged or repeated inhalation may cause lung irritation or damage
Sensitisation	No sensitisation effects known
Other	None known

12. ECOLOGICAL INFORMATION

Ecotoxicity	None
Mobility	None
Persistence and degradability	None
Bioaccumulation	No indication of potential
Other	Product is chemically inert and does not affect ecology

13. DISPOSAL CONSIDERATIONS

Appropriate disposal	Dispose of waste according to applicable local regulations
Waste code	080199 European waste catalogue
Appropriate disposal packaging	Packaging that cannot be cleaned to be disposed of like the product

14. TRANSPORT INFORMATION

Land transport according to ADR/RID

UN-No	Not hazardous according to ADR/RID
Class	None
Classification code	None
Packing group	None
Proper shipping name	None

Marine transport according to IMDG-Code

UN-No	Not hazardous according to IMDG-Code
Class	None
Classification code	None
Proper shipping name	None
Packaging group, inner	None
Packaging group, outer	None
EmS-No	None
Marine pollutant	None

Air transport according to IATA-DGR

UN/ID-No (A)	Not hazardous according to IATA-DGR
Proper shipping name (B)	None
Class (C)	None

14. (cont)

Subsidiary risks (D)	None
Label (E)	None
Packaging group (F)	None
Pass. Packing instr. (G)	None
Pass. Max weight (H)	None
Cargo packing instr. (I)	None
Cargo max weight (J)	None
Special regulation (K)	None

15. REGULATORY INFORMATION

Labeling according to EU/EG regulation	P15 has not been classified and labelled in accordance with EC directives/relevant national laws
Hazardous components for labelling	None
Special provisions concerning the labelling of certain preparations	None
National regulations	WGK. Generally not hazardous for water VwVwS annex 1, No 765

16. OTHER INFORMATION

Relevant R-phrases	None
Tariff code	2507 0020 00
International inventories	IECSC AICS EINECS Schweiz PICCS TSCA ENCS ECL DSL NZIoC New Zealand inventory of chemicals