

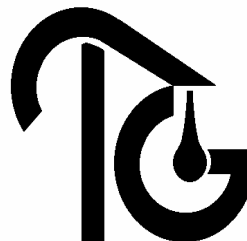
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PRODUCT DATA SHEET

(This booklet incorporates the Specification and M.S.D.S.)

PRODUCT	FUMED SILICA AS-200		
CAS NO.	112926-00-8		
TARIFF NO.			
U.N NO.			
EINECS NO.			
IMCO CLASS			
HAZARDS			
SPECIFICATION REFERENCE	FUSIAS200/1	DATE	MAR 07
REFERENCE NO.	FUSIAS200/1	DATE	MAR 07
PREVIOUS EDITION.		DATE	

PRODUCT SPECIFICATION

Product Name	Fumed Silica AS-200
Alternative Name	
Product Grade	

SALES SPECIFICATION

Appearance	White Solid Colloidal Micro-Particle
Specific Surface Area m ² /g	200 ± 25
pH	3.6 – 4.3
Heating Loss Weight % (m/m) ≤	2.0
Burning Loss Weight % (m/m) ≤	2.0
Apparent Density g/l	30 - 60

Characteristics

It is a white and colloidal micro-particle with its primary micro-particle from 5 – 40 nm and has obvious properties such as thixotropy, reinforcing, thickening and filling etc. and it is insoluble in all kinds of solvents and liquids except hydrofluoric acid and concentrated bases

Uses

It is used widely in silicon rubber, construction sealant, coating, electric, aerospace, medicine and medical material, resin processing, printing ink, pesticide and other industries

AS-200: Used mainly in sulphurised silicon rubber at high temperature, organic silicon defoaming agent, high oil ink, powder coating, powdered or flake preparation, cosmetics and so on

Packing

Packed with a multi-layer paper with net weights of 10 kgs

Storage And Transport

Placed in a ventilated and dry warehouse and protected from humidity, water, pressure and movement during transport

NOTES

Exclusion of Liability

Information contained in this publication is accurate to the best of the knowledge and belief of Tennants.

Any information or advice obtained from Tennants otherwise than by means of this publication and whether relating to Tennants materials or other materials, is also given in good faith. However, it remains at all times the responsibility of the customer to ensure that Tennants materials are suitable for the particular purpose intended.

Tennants accepts no liability whatsoever (except as otherwise provided by law) arising out of the use of information supplied, the application, adaptation or processing of the products described herein, the use of other materials in lieu of Tennants materials or the use of Tennants materials in conjunction with such other materials.

Health and Safety

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on the handling precautions and emergency procedures. This must be consulted fully before handling, storage and use.

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product:	Fumed Silica AS-200	
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition	Fumed Silica
CAS No.	112926-00-8

3. HAZARDS IDENTIFICATION

Main Hazards

4. FIRST AID MEASURES

First Aid - Eyes	No special measures required
First Aid - Skin	No special measures required
First Aid - Ingestion	No special measures required
First Aid - Inhalation	Remove from source of exposure

5. FIRE FIGHTING MEASURES

Extinguishing Media	Product does not burn. Use extinguishing measures appropriate to the source of fire
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid dust formation
Environmental Precautions	No special measures required
Methods of Cleaning	Damp down dust and fill into containers

7. HANDLING AND STORAGE

Handling	Avoid dust formation.
Storage	No special measures required

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits	Amorphous silica - 3 mg/m ³ respirable dust 8 hour OES Amorphous silica - 6 mg/m ³ total dust 8 hour OES
Personal Protection	Do not breathe dust Wear suitable mask Wear suitable overalls Wear suitable gloves and eye protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	White Solid - Powder
Odour	None
pH Value	3.6 - 4.3 at °C 40 g/l H ₂ O

10. STABILITY AND REACTIVITY

Stability	Stable
Materials and Conditions to Avoid	None known
Hazardous Decomposition Products	None

11. TOXICOLOGICAL INFORMATION	
General	According to our present knowledge, no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable. Product not fully tested
Acute Toxicity	No data known
12. ECOLOGICAL INFORMATION	
No data available	
13. DISPOSAL CONSIDERATIONS	
Product Disposal	After solidification material can be stored together with domestic waste, in accordance with local regulations
14. TRANSPORT INFORMATION	
Not regulated	
15. REGULATORY INFORMATION	
Not classified	
16. OTHER INFORMATION	