

SAFETY DATA SHEET

APPLIED APPSORB

Infosafe No.: 1AP14
ISSUED Date : 09/11/2016
ISSUED by: ITW POLYMERS & FLUIDS

1. IDENTIFICATION

GHS Product Identifier

APPLIED APPSORB

Product Code

3663

Company Name

ITW POLYMERS & FLUIDS (ABN 63 004 235 063)

Address

100 Hassall Street Wetherill Park
NSW 2164 Australia

Telephone/Fax Number

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Emergency phone number

1800 385 556 / 0438 465 960

E-mail Address

info@itwpcf.com.au

Recommended use of the chemical and restrictions on use

An efficient absorbent used to control spills. Suitable for many types of oils, solvents and chemical spills.

Other Names

Name	Product Code
APPLIED APPSORB	A3663

Disclaimer

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Websites:

www.itwpcf.com.au

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Fluid Chemicals NZ

5A Andrew Baxter Drive, Airport Oaks, Auckland, 2150

Postal Address: P.O. Box 201185, Auckland Airport, 2150, New Zealand

EMERGENCY TEL: 0800 154 666

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Not hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Other Information

Should be stored under dry, well-ventilated conditions.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road & Rail

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients

Diatomaceous earth consists of fossilized remains of diatoms, a type of hard-shelled algae. The product contains less than 4% respirable crystalline silica.

Ingredients

Name	CAS	Proportion
diatomite	61790-53-2	96 %
Silica sand, as quartz	14808-60-7	<4 %

4. FIRST-AID MEASURES

Inhalation

Move the victim to fresh air. Drink a glass of water to clear throat and blow nose to evacuate dust. If irritation persists see a doctor.

Ingestion

Wash out mouth with water. If irritation persists seek medical advice.

Skin

Wash with plenty of soap and water.

Eye contact

Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

First Aid Facilities

Normal washroom facilities are generally suitable. However, it is recommended that first aid requirements be assessed on individual workplace risk, taking into account the likelihood and severity of the risk and whether implementation is reasonably practicable.

Advice to Doctor

Treat symptomatically. The hazard from the product is the same as from any fine, inert dust. The product absorbs moisture and may cause dryness in contact with mucous membranes. Pre-existing upper respiratory and lung conditions such as bronchitis, emphysema or asthma may be aggravated by exposure to the dust.

5. FIRE-FIGHTING MEASURES

Specific Hazards Arising From The Chemical

Nil hazard.

The material is not flammable.

In case of fire in the surroundings use the appropriate extinguishing method for the area.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Sweep up.

This product is employed to absorb spillage of other materials.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities

Keep containers securely sealed and protected against physical damage.

This material is stable and should be stored in a well-ventilated, dry, cool environment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
diatomite		TWA	10	mg/m ³	
Silica sand, as quartz		TWA	0.2	mg/m ³	

Other Exposure Information

TWA – The Time-Weighted Average airborne concentration over an eight hour

Information working day, for a five-day working week over an entire working life. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards.

All atmospheric contamination should be kept as low as possible. Exposure standards should not be used as a fine dividing line between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Appropriate Engineering Controls

Natural ventilation should be sufficient, however a mechanical exhaust system is recommended if large amounts of the product are being handled in a poorly ventilated area.

Respiratory Protection

Where sufficient ventilation is not available avoid breathing dusts by wearing an AS 1716 approved particulate filter respirator.

Eye Protection

Safety glasses with side shield protection is recommended when handling large quantities. For dealing with spills, wear the PPE recommended for the spilled substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Whitish/grey granules.

Melting Point

1500 degrees C (approx)

Boiling Point

Not Required

Solubility in Water

Insoluble

Vapour Pressure

Not Required

Flash Point

Non flammable

Flammability

Non combustible. Non flammable.

Flammable Limits - Lower

non flammable

Explosion Properties

non explosive

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions

This product is non reactive to all agents.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

This product is not considered as harmful.

However for the minor component, silica sand(respirable size $\leq 7\mu\text{m}$), has been classified by the IARC as Group 1 CARCINOGENIC TO HUMANS when inhaled. The physical nature of quartz in the product determines whether it is likely to present a chronic health problem. To be a hazard the material must enter the breathing zone as respirable particles.

Ingestion

Not a likely source of exposure. May cause irritation to the mouth, oesophagus and stomach.

Inhalation

Inhalation of dust may cause irritation to the mucous membranes and upper airways. Symptoms of exposure can include nausea, coughing, sneezing and breathing difficulties.

Skin

Non-harmful.

Eye

May cause mechanical irritation in contact with the eyes.

Chronic Effects

Prolonged or repeated exposure to this material may result in irritation to the eyes and respiratory tract. As this product may contain traces of respirable silica, bronchitis, silicosis, and lung cancer may occur if the required dust mask is not worn during prolonged and repeated exposure. Studies have shown that smoking increases the risk in persons exposed to crystalline silica.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Non toxic or harmful to aquatic organisms.

Environmental Protection

No particular hazard to the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Contaminated Apporb that contains a hazardous substance should be placed in labelled, clean containers and sent to a licensed disposal contractor.

Product Disposal

Dispose of in landfill.

Container Disposal

Send empty bags to a plastic bag recycler if possible.

14. TRANSPORT INFORMATION

Transport Information

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

Australia (AICS)

Listed

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces MSDS dated 7 Sep 2011

References

Australian Code for the Transport of Dangerous Goods by Road and Rail.

International Maritime Dangerous Goods Code.

International Air Transport Association Dangerous Goods Regulations.

Globally Harmonised System of Classification and Labelling of Chemicals,ST/SG/AC.10/30, United Nations 2003

Supplier Safety Data Sheets

Contact Person/Point

This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.

As ITW Polymers & Fluids cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW Polymers & Fluids to ensure they are in possession of the latest version.

Signature of Preparer/Data Service

AMS

END OF SDS

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