

1. Identification

Product identifier

Trade name: Aircast 3700A, Aircast 3600A

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

General use: RTV high temperature casting compound.
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet

Company name:

Airtech International, Inc.
5700 Skylab Road
Huntington Beach, CA 92647
Email: airtech@airtechintl.com
Website: www.airtechonline.com
Telephone: +1 714.899.8100
Department responsible for
information:
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Email: airtech@airtechintl.com

Airtech Europe Sarl
Zone industrielle Haneboesch
L-4562 Differdange
Luxembourg
Website: www.airtech.lu
Telephone: +352 582.282
Department responsible for information:
Telephone: +352 582.282
Email: sales@airtech.lu

Airtech Advanced Materials UK Ltd.
The Causeway
Broadway Business Park
Chadderton, Oldham
OL9 9XD United Kingdom
Website: www.airtech-amg.co.uk
Telephone: +44 161.947.1610
Department responsible for
information:
Telephone: +44 161.947.1610
Email: sales@airtech-amg.co.uk

Airtech Asia Ltd.
No. 161 of Anyuan Rd
Chagugang County
Wuqing District
301721, Tianjin, P.R. China
Website: www.airtech.asia
Telephone: +86 22 8862 9800
Telefax: +86 22 8862 9900
Department responsible for information:
Telephone: +86 22 8862 9800
Email: airtech.asia@airtechasia.com.cn

Emergency telephone number

CHEMTREC EMERGENCY PHONE:
Within USA/Canada: 1-(800)424-9300
International: +1 703-741-5970

2. Hazard identification

Classification of the substance or mixture

Reproductive toxicant - Category 2 Suspected of damaging fertility or the unborn child.

Label elements

Symbols:



Signal word:

Warning

Hazard statements: Suspected of damaging fertility or the unborn child.

Precautionary statements:

Obtain special instructions before use.

Use personal protective equipment as required.

IF exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents/container to hazardous or special waste collection point.

Other hazards

Special danger of slipping by leaking/spilling product.

3. Composition/information on ingredients

Mixtures

Chemical characterization: A mixture of organopolysiloxane mixture and silicon dioxide.

Relevant ingredients:

CAS No.	Designation	Concentration	Classification
CAS 541-02-6	Decamethylcyclopentasiloxane	< 0.5 %	not classified
CAS 540-97-6	Dodecamethylcyclohexasiloxane	< 0.5 %	not classified
CAS 556-67-2	Octamethylcyclotetrasiloxane	< 0.5 %	Flammable Liquid - Category 3. Reproductive toxicant - Category 2. Aquatic toxicity - chronic - Category 4.

The actual concentration or concentration range is withheld as a trade secret.

Additional information: The maximum workplace exposure limits are, where necessary, listed in section 8.
Contains: Silicon dioxide (Quartz (SiO₂))

4. First aid measures

In case of inhalation: Provide fresh air. Seek medical treatment in case of troubles.

Following skin contact: Remove mechanically with cloth or paper. Thoroughly wash skin with soap and water. Change contaminated clothing. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing: Seek medical attention. Rinse mouth. Do not induce vomiting without medical assistance.

Most important symptoms/effects, acute and delayed

Suspected of damaging fertility or the unborn child.

Product can cause slight irritation.

Information to physician

Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Carbon dioxide, dry chemical powder, alcohol resistant foam.

Extinguishing media which must not be used for safety reasons:

full water jet

Specific hazards arising from the chemical

Combustible. Emits toxic fumes under fire conditions.

In case of fire may be liberated: Silicon dioxide, traces of incompletely burned carbon compounds, formaldehyde, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapors. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with the substance. Wear suitable protective clothing. Provide adequate ventilation. Do not breathe vapor/aerosol. Keep unprotected people away.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains. If necessary, notify appropriate authorities.

Methods and material for containment and cleaning up

Methods for clean-up:

Plug leak if safely possible. Take up mechanically, placing in appropriate containers for disposal.

Additional information:

Special danger of slipping by leaking/spilling product.

7. Handling and storage

Precautions for safe handling

Advices on safe handling:

Do not breathe vapor/aerosol. Obtain special instructions before use. Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin and eyes. Wear suitable gloves. When using do not eat, drink or smoke.

Precautions against fire and explosion:

Keep away from heat sources, sparks and open flames. Take standard precautions to prevent fire.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep only in the original container. Keep container tightly closed in a cool, well-ventilated place. Do not drop, drag or bang the container. Protect from frost and exposure to sun.

Hints on joint storage:

Keep away from food and drinks.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
14808-60-7	Silicon dioxide (Quartz (SiO ₂))	USA: ACGIH: TWA	0.025 mg/m ³ (respirable fraction)
		USA: IDLH: TWA	25 mg/m ³ (respirable fraction, (cristobalite/tridymite)
		USA: IDLH: TWA	50 mg/m ³ (respirable fraction, quartz/tripoli)
		USA: NIOSH: TWA	0.05 mg/m ³ (respirable fraction)
		USA: OSHA: TWA	10 mg/m ³ / % SiO ₂ + 2 (respirable fraction)
		USA: OSHA: TWA	250 mppcf/ % SiO ₂ +5 (fine dust)
		USA: OSHA: TWA	30 mg/m ³ / % SiO ₂ + 2 (inhalable fraction)
7631-86-9	Silicon dioxide	USA: IDLH: TWA	3,000 mg/m ³
		USA: NIOSH: TWA	6 mg/m ³
		USA: OSHA: TWA	20 mppcf
		USA: OSHA: TWA	80 mg/m ³ (total dust)

Additional information: Silicon dioxide, Quartz (SiO₂) are embedded in the product and therefore no dust is present.

Appropriate engineering controls

Provide adequate ventilation, and local exhaust as needed.

Personal protection equipment (PPE)

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. When vapors form, use respiratory protection.

The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection: Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: Plastic or Rubber.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Safety glasses for normal handling, and sealed goggles for handling material during heated processing or opening packages after material has been in closed storage. PPE to be in accordance with OSHA 29 CFR: 1910.133 or ANSI Z87.1-2010.

Body protection: Wear suitable protective clothing.

General hygiene considerations:

Do not breathe vapor/aerosol. Avoid contact with skin, eyes, and clothing. Change contaminated clothing. Eye wash facility must be provided. Wash hands before breaks and after work. When using do not eat, drink or smoke.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 68 °F and 101.3 kPa	solid
Color:	Form: pasty brown
Odor:	weak
Odor threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	No data available
Explosion limits:	No data available
Flash point/flash point range:	482 °F (o.c.)
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	Not applicable
Dynamic viscosity:	180,000 mPa*s
Solubility:	miscible with organic solvents
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Vapor pressure:	No data available
Density:	at 77 °F: 1.25 g/cm ³
Vapor density:	No data available
Particle characteristics:	No data available

10. Stability and reactivity

Reactivity:	Refer to section: Possibility of hazardous reactions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No hazardous reactions known.
Conditions to avoid:	Keep away from heat.
Incompatible materials:	Strong bases, strong oxidizing agents, strong acids
Hazardous decomposition products:	Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition products: Silicon dioxide, traces of incompletely burned carbon compounds, formaldehyde, carbon monoxide and carbon dioxide.

11. Toxicological information

Information on toxicological effects

Toxicological effects:

- Acute toxicity (oral): Lack of data.
- Acute toxicity (dermal): Lack of data.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Lack of data.
- Serious eye damage/irritation: Lack of data.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Lack of data.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Lack of data.
- Reproductive toxicity: Reproductive toxicant - Category 2 = Suspected of damaging fertility or the unborn child.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Lack of data.
- Specific target organ toxicity (repeated exposure): Lack of data.
- Aspiration hazard: Lack of data.

Other information:

Information about
Silicon dioxide (Quartz (SiO₂)):
Carcinogen Status:
IARC Rating: Group 1
OSHA Carcinogen: not listed
NTP Rating: listed
NIOSH Recommendations:
Occupational Health Guideline:
0553

Silicon dioxide:
Carcinogen Status:
IARC Rating: Group 3
OSHA Carcinogen: not listed
NTP Rating: not listed
NIOSH Recommendations:
Occupational Health Guideline:
0552

Symptoms

In case of inhalation:
Mist or vapors released by overheating may cause irritation of the respiratory tract. Can damage your health.

In case of ingestion: Gastrointestinal irritation.

After contact with skin:
Frequently or prolonged contact with skin may cause dermal irritation.

After eye contact: Product can cause slight irritation.

12. Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

Mobility in soil

No data available

Other adverse effects

General information: Avoid release to the environment.

13. Disposal considerations

Waste treatment methods

Product

Recommendation: Special waste. Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled. Do not remove label until container is thoroughly cleaned.

14. Transport information

UN number

DOT, IMDG, IATA-DGR: not applicable

UN proper shipping name

DOT, IMDG, IATA-DGR: Not restricted

Transport hazard class(es)

DOT, IMDG, IATA-DGR: not applicable

Packing group

DOT, IMDG, IATA-DGR: not applicable

Environmental hazards

Marine pollutant: no

Transport in bulk according to IMO instruments

No data available

Special precautions for user**USA: Department of Transportation (DOT)**

Proper shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information**National regulations - U.S. Federal Regulations**Silicon dioxide (Quartz (SiO₂)):

TSCA Inventory: listed

Carcinogen Status: IARC Rating: Group 1

OSHA Carcinogen: not listed

NTP Rating: listed

NIOSH Recommendations:

Occupational Health Guideline: 0553

Silicon dioxide:

TSCA Inventory: listed

Carcinogen Status: IARC Rating: Group 3

OSHA Carcinogen: not listed

NTP Rating: not listed

NIOSH Recommendations:

Occupational Health Guideline: 0552

Decamethylcyclopentasiloxane:

TSCA Inventory: listed

Dodecamethylcyclohexasiloxane:

TSCA Inventory: listed

Octamethylcyclotetrasiloxane:

TSCA Inventory: listed

National regulations - U.S. State RegulationsSilicon dioxide (Quartz (SiO₂)):

California Proposition 65: cancer

Further regulations, limitations and legal requirements

No data available

16. Other information

Text for labeling:

Contains < 0.5 % Decamethylcyclopentasiloxane, < 0.5 %
Dodecamethylcyclohexasiloxane, < 0.5 % Octamethylcyclotetrasiloxane.

Revision date:

12/17/2025

Reason of change:

General revision: Safety Data Sheet according to Hazardous Products Regulations (HPR)
2022

General revision: Safety Data Sheet according to HCS 2024 (29 CFR 1910.1200)

SAFETY DATA SHEET

according to HCS 2024 (29 CFR 1910.1200)

Aircast 3700A, Aircast 3600A

Material number 1032

Revision date: 12/17/2025
Version: 15.4
Replaces version: 15.3
Language: en-US
Date of first version: 8/13/2008
Page: 9 of 9

Hazard rating systems:

**NFPA Hazard Rating:**

Health: 2 (Moderate)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 2 (Moderate) - Chronic effects

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
		X

Abbreviations and acronyms:

Aquatic toxicity - chronic: Hazardous to the aquatic environment - chronic
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
DOT: Department of Transportation's Safety Regulations (USA)
EC: European Community
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN: European Standard
EQ: Excepted quantities
Flammable Liquid: Flammable liquid
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
PPE: Personal protection equipment
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
Reproductive toxicant: Reproductive toxicity
SVHC: Substance of very high concern
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Department issuing data sheet

Contact person: see section 1: Department responsible for information

This data sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, and which additional precautions may be necessary. All health and safety information contained in this data sheet should be provided to your employees and customers. It is your responsibility to develop appropriate workplace instructions and training programs for employees.

As the conditions and methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. All statements or suggestions are made without warranty, expressed or implied, regarding accuracy of information, the hazards connected with the use of the product or the results to be obtained from the use thereof.

1. Identification

Product identifier

Trade name: Aircast 3700B, Aircast 3600B

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

General use: Curing agent for RTV casting resin.
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet

Company name:

Airtech International, Inc.
5700 Skylab Road
Huntington Beach, CA 92647
Email: airtech@airtechintl.com
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Website: www.airtech.lu
Telephone: +352 582.282
Department responsible for information:
Telephone: +352 582.282
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Airtech Advanced Materials UK Ltd.
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OL9 9XD United Kingdom
Website: www.airtech-amg.co.uk
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Airtech Asia Ltd.
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Telephone: +86 22 8862 9800
Telefax: +86 22 8862 9900
Department responsible for information:
Telephone: +86 22 8862 9800
Email: airtech.asia@airtechasia.com.cn

Emergency telephone number

CHEMTREC EMERGENCY PHONE:
Within USA/Canada: 1-(800)424-9300
International: +1 703-741-5970

2. Hazard identification

Classification of the substance or mixture

Reproductive toxicant - Category 2 Suspected of damaging fertility or the unborn child.

Label elements

Symbols:



Signal word:

Warning

Hazard statements: Suspected of damaging fertility or the unborn child.

Precautionary statements:

- Obtain special instructions before use.
- Use personal protective equipment as required.
- IF exposed or concerned: Get medical advice/attention.
- Store locked up.
- Dispose of contents/container to hazardous or special waste collection point.

Other hazards

Product may separate hydrogen. Danger of explosion!
Direct contact may cause skin and eyes reddening and irritation. Mist or vapors released by overheating may cause irritation of the respiratory tract. In case of ingestion gastrointestinal irritation.

3. Composition/information on ingredients

Mixtures

Chemical characterization: A mixture of Vinyltrimethyl terminated Polydimethylsiloxane (CAS 68083-19-2) and Polymethylhydrosiloxane (CAS 63148-57-2).

Relevant ingredients:

CAS No.	Designation	Concentration	Classification
CAS 556-67-2	Octamethylcyclotetrasiloxane	< 1 %	Flammable Liquid - Category 3. Reproductive toxicant - Category 2. Aquatic toxicity - chronic - Category 4.

The actual concentration or concentration range is withheld as a trade secret.

4. First aid measures

In case of inhalation: Provide fresh air. Seek medical treatment in case of troubles.

Following skin contact: Remove mechanically with cloth or paper. Change contaminated clothing. Thoroughly wash skin with soap and water. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing: Seek medical attention. Rinse mouth immediately and drink plenty of water. Do not induce vomiting without medical assistance.

Most important symptoms/effects, acute and delayed

Suspected of damaging fertility or the unborn child.
Product can cause slight irritation.

Information to physician

Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Carbon dioxide, dry chemical powder, foam.

Extinguishing media which must not be used for safety reasons:

Full water jet.

Specific hazards arising from the chemical

Emits toxic fumes under fire conditions.

In case of fire may be liberated: Silicon dioxide, traces of incompletely burned carbon compounds, formaldehyde, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapors. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Product may separate hydrogen. Remove all sources of ignition. Provide adequate ventilation. Wear suitable protective clothing. Avoid contact with the substance.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods and material for containment and cleaning up

Methods for clean-up:

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance.

7. Handling and storage

Precautions for safe handling

Advices on safe handling: Obtain special instructions before use. Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin and eyes. Do not breathe vapor/aerosol. Wear suitable gloves.

Precautions against fire and explosion:

Keep away from heat sources, sparks and open flames.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep in a cool place. Keep container tightly closed and in a well-ventilated place. Protect from frost and exposure to sun.

Hints on joint storage:

Keep away from strongly acidic and alkaline materials as well as oxidizers. Keep away from food and drinks.

8. Exposure controls/personal protection

Appropriate engineering controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment (PPE)

Respiratory protection:	When vapors form, use respiratory protection. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Recommended: Use filter type A (= against vapors of organic substances) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.
Hand protection:	Protective gloves according to OSHA Standard - 29 CFR: 1910.138. Glove material: Plastic or rubber Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.
Body protection:	Wear suitable protective clothing.
General hygiene considerations:	Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Eye wash facility must be provided. Wash hands before breaks and after work. When using do not eat, drink or smoke.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 68 °F and 101.3 kPa	Form: liquid
Color:	blue
Odor:	odorless
Odor threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	This material is combustible, but will not ignite readily.
Explosion limits:	No data available
Flash point/flash point range:	201.2 °F (o.c.)
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Viscosity:	No data available
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Vapor pressure:	No data available
Density:	No data available

Vapor density: No data available
Particle characteristics: Not applicable

Additional information

Additional information: No data available

10. Stability and reactivity

Reactivity: Refer to section: Possibility of hazardous reactions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions:
Hazardous polymerisation: May occur. Polymerization along with heat production.
Product may separate hydrogen. Danger of explosion!

Conditions to avoid: Keep away from heat sources, sparks and open flames.

Incompatible materials: Strong acid or bases as well as oxidizing agents.

Hazardous decomposition products:
Product may release hydrogen gas.
In case of fire may be liberated: Silicon dioxide, traces of incompletely burned carbon compounds, formaldehyde, carbon monoxide and carbon dioxide.

11. Toxicological information

Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Lack of data.
Serious eye damage/irritation: Lack of data.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Reproductive toxicant -
Category 2 = Suspected of damaging fertility or the unborn child.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

Symptoms

In case of inhalation:
Mist or vapors released by overheating may cause irritation of the respiratory tract.
In case of ingestion: Gastrointestinal irritation.
After contact with skin:
Frequently or prolonged contact with skin may cause dermal irritation.
After eye contact: Product can cause slight irritation.

12. Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Partition coefficient: n-octanol/water:
No data available

Mobility in soil

No data available

Other adverse effects

General information: Avoid release to the environment.

13. Disposal considerations

Waste treatment methods

Product

Recommendation: Special waste. Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled. Do not remove label until container is thoroughly cleaned.

14. Transport information

UN number

DOT, IMDG, IATA-DGR: not applicable

UN proper shipping name

DOT, IMDG, IATA-DGR: Not restricted

Transport hazard class(es)

DOT, IMDG, IATA-DGR: not applicable

Packing group

DOT, IMDG, IATA-DGR: not applicable

Environmental hazards

Marine pollutant: no

Transport in bulk according to IMO instruments

No data available

Special precautions for user

USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - U.S. Federal Regulations

Vinyldimethyl terminated Polydimethylsiloxane:

TSCA Inventory: listed; UVCB

Polymethylhydrosiloxane:

TSCA Inventory: listed; UVCB

Octamethylcyclotetrasiloxane:

TSCA Inventory: listed

National regulations - U.S. State Regulations

No data available

Further regulations, limitations and legal requirements

No data available

16. Other information

Text for labeling: Contains < 1 % Octamethylcyclotetrasiloxane.

Revision date: 12/17/2025

Reason of change: General revision: Safety Data Sheet according to Hazardous Products Regulations (HPR) 2022

General revision: Safety Data Sheet according to HCS 2024 (29 CFR 1910.1200)

SAFETY DATA SHEET

according to HCS 2024 (29 CFR 1910.1200)

Aircast 3700B, Aircast 3600B

Material number 1033

Revision date: 12/17/2025
Version: 9.3
Replaces version: 9.2
Language: en-US
Date of first version: 8/12/2008
Page: 8 of 8

Hazard rating systems:



NFPA Hazard Rating:

Health: 2 (Moderate)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 2 (Moderate) - Chronic effects

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
		X

Abbreviations and acronyms:

Aquatic toxicity - chronic: Hazardous to the aquatic environment - chronic
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
DOT: Department of Transportation's Safety Regulations (USA)
EC: European Community
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN: European Standard
EQ: Excepted quantities
Flammable Liquid: Flammable liquid
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
Reproductive toxicant: Reproductive toxicity
SVHC: Substance of very high concern
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative

Department issuing data sheet

Contact person: see section 1: Department responsible for information

This data sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, and which additional precautions may be necessary. All health and safety information contained in this data sheet should be provided to your employees and customers. It is your responsibility to develop appropriate workplace instructions and training programs for employees.

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