

1. Product and company identification

Product identifier

Trade name: Airtac 3

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

General use: Temporary spray adhesive
For industrial purposes only

Details of the supplier of the safety data sheet

Company name:	Airtech International, Inc. 5700 Skylab Road Huntington Beach, CA 92647 E-mail: airtech@airtechintl.com Website: www.airtechonline.com Telephone: +1 714.899.8100 Dept. responsible for information: Telephone: +1 714.899.8100 E-mail: airtech@airtechintl.com	Airtech Europe Sarl Zone industrielle Haneboesch L-4562 Differdange Luxembourg Website: www.airtech.lu Telephone: +352 582.282 Dept. responsible for information: Telephone: +352 582.282 E-mail: sales@airtech.lu
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Emergency phone number

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

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: liquid
Form: Aerosol
Color: green, clear

Odor: strong characteristic

Classification: Flammable Aerosol - Category 1; Compressed Gas; Eye Irritation - Category 2A;
Specific Target Organ Toxicity (Single Exposure) - Category 3;
Aquatic toxicity - chronic - Category 3;

Hazard symbols:



Signal word:

Danger

Hazard statements:

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Harmful to aquatic life with long lasting effects.

Precautionary statements:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands and face thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight. Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Dispose of contents/container to hazardous or special waste collection point.

Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

Heating will lead to pressure increase: Danger of bursting and explosion.
In use, may form flammable/explosive vapor-air mixture.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may have a narcotic effect.
see section 11: Toxicological information

3. Composition / Information on ingredients

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 79-20-9	Methyl acetate	10 - 30 %	Flammable Liquid - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 64742-49-0	Naphtha (petroleum), hydrotreated light	5 - 10 %	Flammable Liquid - Category 2. Skin Irritation - Category 2. Specific Target Organ Toxicity (Single Exposure) - Category 3. Aspiration Toxicity - Category 1. Aquatic toxicity - chronic - Category 2.
CAS 115-10-6	Dimethyl ether	30 - 60 %	Flammable Gas - Category 1. Compressed Gas.
CAS 68476-85-7	Petroleum gases, liquefied, < 0,1% 1,3-Butadiene	5 - 10 %	Flammable Gas - Category 1. Liquefied Gas.

4. First aid measures

General information:	First aider: Pay attention to self-protection! If medical advice is needed, have product container or label at hand. Take off immediately all contaminated clothing and wash it before reuse.
In case of inhalation:	Move victim to fresh air. Put victim at rest and keep warm. Keep airway open. Seek medical treatment in case of troubles.
Following skin contact:	After contact with skin, wash immediately with soap and plenty of water. Change contaminated clothing. Subsequently consult physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Do not attempt to pull apart bonded eyelid. Subsequently consult an ophthalmologist.
After swallowing:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical attention.

Most important symptoms/effects, acute and delayed

Causes serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:

-155.2 °F

Auto-ignition temperature: No data available

Suitable extinguishing media:

Sand, carbon dioxide, dry chemical powder

Extinguishing media which must not be used for safety reasons:

Full water jet

Specific hazards arising from the chemical

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Vapors form potentially explosive mixtures with air, which are heavier than air. Air-Vapor mixture may travel great distances at floor level and lead to backflash when exposed to an ignition source.

In case of fire may be liberated: Carbon monoxide and carbon dioxide, hydrocarbons.

Protective equipment and precautions for firefighters:

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

Additional information:

Container under pressure. Heating will lead to pressure increase: Danger of bursting and explosion.

Move undamaged containers from immediate hazard area if it can be done safely.

Cool exposed containers with water spray.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6. Accidental release measures

Personal precautions:

Eliminate all ignition sources if safe to do so. Provide adequate ventilation. Keep unprotected people away. Evacuate area. Do not breathe vapor or spray. Avoid contact with skin and eyes. Wear appropriate protective equipment.

Environmental precautions:

Do not allow to enter into ground-water, surface water or drains. Danger of explosion! In case of release, notify competent authorities.

Methods for clean-up:

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

Thoroughly clean surrounding area.

Additional information:

Use explosion-proof equipment and non-sparking tools/utensils.

7. Handling and storage

Handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed. Do not breathe vapor or spray. Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. Avoid contact with skin and eyes.

Do not open or incinerate, even when empty. Do not spray into flames or on incandescent objects.

Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.

Work place should be equipped with a shower and an eye rinsing apparatus.

Precautions against fire and explosion:

- Do not heat spray cans over 122 °F.
- Forms explosive mixtures with air. Use only spark proof tools.
- Keep away from sources of ignition - No smoking.
- Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:

- Keep in a cool, well-ventilated place. Keep container tightly closed and dry.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- Store containers in upright position.

Hints on joint storage: Do not store together with: Oxidizing agents, acids

8. Exposure controls / personal protection

Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
79-20-9	Methyl acetate	USA: ACGIH: STEL	757 mg/m ³ ; 250 ppm
		USA: ACGIH: TWA	606 mg/m ³ ; 200 ppm
		USA: NIOSH: STEL	760 mg/m ³ ; 250 ppm
		USA: NIOSH: TWA	610 mg/m ³ ; 200 ppm
		USA: OSHA: TWA	610 mg/m ³ ; 200 ppm
68476-85-7	Petroleum gases, liquefied, < 0,1% 1,3-Butadiene	USA: NIOSH: TWA	1800 mg/m ³ ; 1000 ppm
		USA: OSHA: TWA	1800 mg/m ³ ; 1000 ppm

Engineering controls

- Provide for good ventilation or exhaust system or work with completely self-contained equipment.
- Explosion protection required.
- See also information in chapter 7, section storage.

Personal protection equipment (PPE)

- Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.
- Skin protection: Wear suitable protective clothing. Solvent-resistant.
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General hygiene considerations:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid contact with skin and eyes. Do not breathe vapor or spray.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.
Take off immediately all contaminated clothing.
Work place should be equipped with a shower and an eye rinsing apparatus.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: liquid Form: Aerosol Color: green, clear
Odor:	strong characteristic
Odor threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	-155.2 °F
Evaporation rate:	No data available
Flammability:	Extremely flammable aerosol.
Explosion limits:	No data available
Vapor pressure:	482.63 kPa
Vapor density:	No data available
Density:	0.70 - 0.74 g/mL
Water solubility:	slightly soluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Explosive properties:	Vapors may form explosive mixtures with air.

10. Stability and reactivity

Reactivity:	Extremely flammable aerosol. Vapors may form explosive mixtures with air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Container under pressure. Heating will lead to pressure increase: Danger of bursting and explosion.
Conditions to avoid:	Keep away from heat sources, sparks and open flames. Protect from direct exposure to sunlight and temperatures exceeding 122 °F.
Incompatible materials:	Oxidising agent, acids

Thermal decomposition: No data available

11. Toxicological information

Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Eye damage/irritation: Eye Irritation - Category 2A = Causes serious eye irritation.

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: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

12. Ecological information

Ecotoxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects.

Mobility in soil

No data available

Persistence and degradability

Further details: No data available

Additional ecological information

Volatile organic compounds (VOC):

73 % by weight = 540 g/L

General information: Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

Product

Recommendation: Do not open with force or incinerate, even when empty.
Dispose of waste according to applicable legislation. Do not dispose of with household waste. This material and its container must be disposed of as hazardous waste.

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Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
Empty carefully and completely, if possible. Handle empty containers with care.
Incineration may cause explosion.

14. Transport information**USA: Department of Transportation (DOT)**

Identification number: UN1950
Proper shipping name: UN 1950, AEROSOLS
Hazard class or Division: 2.1
Labels: 2.1
Special provisions: N82
Packaging – Exceptions: 306
Packaging – Non-bulk: None
Packaging – Bulk: None
Quantity limitations – Passenger aircraft / rail:
75 kg
Quantity limitations – Cargo only: 150 kg
Vessel stowage – Location: A
Vessel stowage – Other: 25, 87, 126

**Sea transport (IMDG)**

UN number: UN 1950
Proper shipping name: UN 1950, AEROSOLS
Class or division, Subsidiary risk: Class 2, Subrisk-, see SP63
Packing Group: -
EmS: F-D, S-U
Special provisions: 63, 190, 277, 327, 344, 381, 959
Limited quantities: See SP277
Excepted quantities: E0
Contaminated packaging - Instructions: P207, LP200
Contaminated packaging - Provisions: PP87, L2
IBC - Instructions: -
IBC - Provisions: -
Tank instructions - IMO: -
Tank instructions - UN: -
Tank instructions - Provisions: -
Stowage and handling: SW1 SW22
Segregation: SG69
Properties and observations: -
Marine pollutant: no
Segregation group: none

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Air transport (IATA)

UN/ID number: UN 1950
Proper shipping name: UN 1950, AEROSOLS, flammable
Class or division, Subsidiary risk: Class 2.1
Hazard label: Flamm. gas
Excepted Quantity Code: E0
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger and Cargo Aircraft: Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo Aircraft only: Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
Special provisions: A145 A167 A802
Emergency Response Guide-Code (ERG): 10L

15. Regulatory information

National regulations - U.S. Federal Regulations

Methyl acetate: TSCA Inventory: listed; EPA flags T
TSCA HPVC: not listed
TSCA: listed - Flags: T
Clean Air Act Data: SOCM1 Chemical? Yes
Clean Air Act:
SOCMI Chemical: yes
NIOSH Recommendations:
Occupational Health Guideline: 0391*

Naphtha (petroleum), hydrotreated light: TSCA Inventory: listed; UVCB
TSCA HPVC: not listed

Dimethyl ether: TSCA Inventory: listed
TSCA HPVC: not listed
TSCA listed
Clean Air Act:
Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f
SOCMI Chemical: yes

Petroleum gases, liquefied, < 0,1% 1,3-Butadiene: TSCA Inventory: listed; UVCB
TSCA HPVC: not listed
NIOSH Recommendations:
Occupational Health Guideline: 0372

National regulations - U.S. State Regulations

Methyl acetate:

California Prop 65 List: None
 Idaho Air Pollutant List:
 Title 585: AAC: 30.5 - EL: 40.7 - OEL: 610
 Massachusetts Haz. Substance codes: 2,4,5,6
 Minnesota Haz. Substance:
 Codes: AO - Ratings: -
 Pennsylvania Haz. Substance code: -
 Washington Air Contaminant:
 TWA: 200 ppm - 610 mg - STEL: 250 ppm - 760 mg

Dimethyl ether:

California Proposition 65 code: -
 Delaware Air Quality Management List:
 DRQ: F 1000**
 - RQ State: State requirements differs from Federal
 Massachusetts Haz. Substance codes: 5,6
 Minnesota Haz. Substance:
 Codes: I - Ratings: -- - Status: Title III.
 New Jersey Extraordinarily Hazardous Substances:
 EPA Threshold: 10000
 NJ Threshold / Group: --
 NJ Table: I Part C - NJ Basis: Not on List
 New Jersey RTK Hazardous Substance:
 DOT: 1033 - Sub No.: 0758 - TPQ: -
 Pennsylvania Haz. Substance code: -

National regulations - Great Britain

Hazchem-Code: -

16. Other information

Text for labeling: Contains 10 - 30 % Methyl acetate, 5 - 10 % Naphtha (petroleum), hydrotreated light, 30 - 60 % Dimethyl ether, 5 - 10 % Petroleum gases, liquefied, < 0,1% 1,3-Butadiene. Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:
 Health: 2 (Moderate)
 Fire: 4 (Severe)
 Reactivity: 0 (Minimal)
 HMIS Version III Rating:
 Health: 2 (Moderate)
 Flammability: 4 (Severe)
 Physical Hazard: 0 (Minimal)
 Personal Protection: X = Consult your supervisor

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	0
	X

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information



SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

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Material number 1141

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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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