
Product name	Ateva®		NAGH/EN
MSDS number	84003	Revision Date	Jun.16.2015
Revision Number	0	Issuing date	Jun.16.2015

1. Product and company identification

Trade Name

Ateva®

The following grades will be covered by this SDS:

Product Grade(s):

1066BA, 1806ASB, 1807ASB

Celanese EVA Polymers

4405-101 Ave

P.O. Box 428

Edmonton, Alberta, Canada

T5J 2K1

Phone: 780 568-0800

Internet: www.Celanese.com

Transportation emergency phone numbers:

In USA, call 800 424 9300

Outside USA, call 703 527 3887, collect calls accepted.

Identified uses

Industrial use

2. Hazard Identification

GHS Classification

Hazards

Not classified

Category

Not applicable

Label elements

No Pictogram Required.

Signal Word

Not applicable

Hazard Statements

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29CFR 1910.1200)

Precautionary statements

Handle in accordance with good industrial hygiene and safety practice

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3. Composition/information on ingredients

Components	CAS-No	Percent %
E / VA-Copolymer	24937-78-8	> 99
Crystalline Silica	14464-46-1	< 0.5*

Remarks

* Bound within polymer matrix; exposure to respirable silica upon normal use is unlikely.

4. First aid measures

Skin

Wash off immediately with soap and plenty of water. Cool skin rapidly with cold water after contact with molten polymer. Do not peel solidified product off the skin. Obtain medical attention.

Eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

Get medical attention if symptoms occur.

5. Fire-fighting measures

NFPA: Health: 0

Flammability: 0

Instability: 0

Suitable extinguishing media

Water spray, Dry chemical, Carbon dioxide (CO₂), Foam

Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Other Information

Potential dust explosion hazard. Keep people away from and upwind of fire

6. Accidental release measures

Personal precautions

Avoid dust formation. Avoid contact with the skin and the eyes. Contaminated surfaces will be extremely slippery.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

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Methods for cleaning up

Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.

7. Handling and storage

Advice on safe handling

Do not handle hot or molten material without appropriate protective equipment. Do not exceed recommended process temperatures to minimize release of decomposition products. Handle in accordance with good industrial hygiene and safety practice.

Protection - fire and explosion:

Avoid dust formation. Dust can form an explosive mixture in air.

Material storage

Keep in a dry, cool place. To maintain product quality, do not store in heat or direct sunlight.

Incompatible products

strong oxidizing agents

8. Exposure controls / personal protection

OSHA Exposure Limits

No exposure limits established.

ACGIH Exposure Limits

No exposure limits established.

Mexico National Exposure Limits

No exposure limits established

Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Protective equipment

A safety shower and eyebath should be readily available.

General advice

Do not breathe dust. Avoid contact with skin and eyes. Do not handle hot or molten material without appropriate protective equipment..

Skin protection:

When thermal or melt processing, wear long pants, long sleeves, well insulated gloves, and face shield when there is a chance of contact..

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Eyel/face protection:

safety glasses with side-shields.

9. Physical and chemical properties

Appearance

Form	Solid in various forms
Color	clear to white
Odor	Mild, acrid, vinegar-like
Flash point	Not applicable
Autoignition Temperature	> 330 °C
Method	Estimated
Decomposition Temperature	> 300 °C
Melting point/range	70 - 115°C
Specific Gravity	0.91- 0.95
Water solubility	Insoluble in water

10. Stability and reactivity

Chemical stability

Stable under normal conditions

Conditions to avoid

Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded. Avoid temperatures above 210°C

Incompatible Materials

strong oxidizing agents

Hazardous Combustion or Decomposition Products:

Carbon oxides

Possibility of hazardous reactions

Hazardous polymerization does not occur.

11. Toxicological information

Potential health effects

Routes of exposure Skin, Eyes

Immediate effects

Skin	Hot or molten material has the potential to cause thermal burns.
Eyes	Particulates may cause mechanical irritation.
Inhalation	Dust irritating to respiratory tract.

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Ingestion	Essentially non-toxic based on components.
Other:	Contains silica, which is classified by IARC as carcinogenic to humans (Group 1). However, silica is bound within the polymer matrix and exposure to it is unlikely under normal conditions.

Essentially non-toxic. Observe the usual hygienic measures for handling chemicals.

12. Ecological Information

According to experience, the material has no harmful effect on the environment.

13. Disposal considerations

Disposal considerations

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

14. Transport information

US Department of Transportation Not regulated

TDG Not regulated

ICAO/IATA Not restricted

IMDG Not regulated

15. Regulatory Information

US State Regulations

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):

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Crystalline Silica 14464-46-1

Pennsylvania	Listed
New Jersey	Listed
Illinois	Listed
Massachusetts	Listed

U.S. FEDERAL REGULATIONS**TSCA Inventory:**

Listed

Environmental Regulations:**SARA 311:**

Acute health:	No
Chronic health:	No
Fire:	No
Sudden release of pressure:	No
Reactive:	No

INTERNATIONAL REGULATIONS**International Inventories**

Australia (AICS)
Canada (DSL)
Europe (EINECS)
Japan (ENCS)
Japan (ISHL)
Korea (KECI)
New Zealand (NZIoC)
Philippines (PICCS)
United States (TSCA)

16. Other information

NFPA:	Health: 0	Flammability: 0	Instability: 0
HMIS:	Health: 0	Flammability: 0	Physical Hazard: 0

Prepared By

Product Stewardship Department
Celanese

Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on Celanese owned data and public sources deemed valid or acceptable.. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available..

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Other Information:

Observe national and local legal requirements

Changes against the previous version are marked by ***

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Abbreviation and Acronym:

ADR = Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS = Chemical Abstracts Service (division of the American Chemical Society)

CLP = Classification, Labelling and Packaging

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial Chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IMO)

ICAO = International Civil Aviation Organization

RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

R-Phrases = Risk Phrases

S-Phrases = Safety Phrases