1. Product and company identification

Trade Name

Ateva®

The following grades will be covered by this SDS:

Product Grade(s):

Manufacturer, importer, supplier
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 +001 703 527 3887, collect calls accepted.

Identified uses
Plastic processing industry.

2. Hazard Identification

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

3. Composition/information on ingredients
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<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No</th>
<th>Percent %</th>
</tr>
</thead>
<tbody>
<tr>
<td>E / VA-Copolymer</td>
<td>24937-78-8</td>
<td>&gt; 99</td>
</tr>
</tbody>
</table>

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**
Keep people away from and upwind of fire. Dust can form an explosive mixture in air.

6. Accidental release measures

**Personal precautions**
Avoid dust formation. Avoid contact with the skin and the eyes. For personal protection see section 8.

**Environmental precautions**
Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up**
Sweep up and shovel into suitable containers for disposal. Use mechanical handling equipment. 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. Avoid dust formation. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

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 eyewash 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.

Eye/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
Specific Gravity: 0.91 - 0.95
Water solubility: Insoluble in water

10. Stability and reactivity

Chemical stability
Stable under normal conditions of handling, use and transportation.

Conditions to avoid
Avoid temperatures above 230°C. Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded.

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.
Ingestion

Essentially non-toxic based on components.

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

12. Ecological Information

Ecotoxicological data are not available. Do not discharge product unmonitored into the environment.

13. 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):
none

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**
Listed on the chemical inventories of the following countries or qualifies for an exemption:
- Australia (AICS)
- Canada (DSL)
- China (IECSC)
- Japan (ENCS)
- Japan (ISHL)
- Korea (KECI)
- New Zealand (NZIoC)
- Philippines (PICCS)
- Europe (EINECS)
- United States (TSCA)

### 16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
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<tr>
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**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.

**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