



Safety Data Sheet

Akrotex Films Inc.

Product Name: Clear Polyethylene/EVM Sheet

Issue Date: 4/1/2015

You are advised and encouraged to read and understand the entire SDS, as it contains necessary and useful information.

1. Product and Company Identification

Product Name

Clear Polyethylene/EVM Sheet

COMPANY IDENTIFICATION

Akrotex Films Inc.
1301 Childers Road
Orange, TX 77630
United States

Customer Information Number: 409-886-5520

EMERGENCY TELEPHONE NUMBER

24-Hour Emergency Contact: 409-886-5520

Local Emergency Contact: 409-886-5520

2. Hazards Identification

Emergency Overview

Color: Clear

Physical State: Film Sheet

Odor: None

Hazards of Product – Tripping/Slipping Hazard: May be a tripping or slipping hazard if walked on.

OSHA Hazard Communication Standard

Not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Health Effects

Eye Contact: Contact with the eye may cause irritation/scratching.

Skin Contact: No adverse effects from skin contact.

Skin Absorption: Not applicable.

Inhalation: Not applicable.

Aspiration: May cause smothering if placed over nose and mouth.

Ingestion: May cause choking if swallowed. Harmful toxic effects not anticipated from swallowing a small amount.

3. Composition Information

Component	CAS#	Amount
Polyethylene/Ethene, Homopolymer	9002-88-4	<=50.0%
Polyethylene/ Hexene Copolymer	25213-02-09	<=50.0%
EVM	Proprietary	<=60.0%
1-Butene Polymer with Ethene	25087-34-7	<=40.0%
TALC	14807-96-6	<=2.0%

This is a utility-grade product which can include any of the polymers listed above in varying amounts to make up 100%.

4. First-aid Measures**Description of first aid measures**

Skin Contact: Not Applicable

Eye Contact: If severe scratching or laceration occurs, consult a physician.

5. Fire Fighting Measures**Suitable Extinguishing Media**

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

Special Hazards Arising from the Substance or Mixture: Not Known

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritation. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Advice for Firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. Accidental Release Measures

Environmental Precautions: Prevent from entering ditches, sewers or waterways.

Methods and Materials for Containment and Cleaning Up: Pick up or sweep up and loose material. See Section 13 for disposal information.

7. Handling and Storage

General Handling: No smoking, open flames or sources of ignition in handling or storage area.

Storage: Store in accordance with good manufacturing practices. Maintain stability if material is stacked. Rack storage is recommended.

8. Exposure Controls/Personal Protection

Exposure Limits

None established

Eye/Face Protection: Use safety glasses(with side shields) to protect from film edges entering the eye.

Respiratory Protection: Do not place product over mouth and nose.

Engineering Controls

None required

9. Physical and Chemical Properties

Appearance

Physical State	Film Sheet
Color	Clear
Odor	None

Odor Threshold	Not applicable
Melting Point	180° - 210°F / 82° - 99°C
Freezing Point	Not applicable
Boiling Point	Not applicable
Flammability	Will burn when source ignited
Specific Gravity(H₂O = 1)	.918 - .924
Autoignition Temperature	Not applicable

10. Stability and Reactivity

Reactivity

No dangerous reaction known.

Chemical Stability

Stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Prolonged exposure to UV rays can cause product to become brittle.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

11. Toxicological Information No toxic effects known.

12. Ecological Information (Non Mandatory)

Not Applicable.

13. Disposal Considerations

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Preferred disposal is in a landfill or by recycling.

14. Transport Information (Non Mandatory)

Not Applicable.

15. Regulatory Information

OSHA Hazard Communication Standard

This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard	No
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

16. Other Information

Recommended Uses: Used in Construction, Agriculture, and General Utility Applications

Revision: Issue date 4/1/2015 replaces all previously issued MSDS or SDS sheets having earlier issue dates.



Safety Data Sheet

Akrotex Films Inc.

Product Name: Colored Polyethylene/EVM Sheet

Issue Date: 4/1/2015

You are advised and encouraged to read and understand the entire SDS, as it contains necessary and useful information.

1. Product and Company Identification

Product Name

Colored Polyethylene/EVM Sheet

COMPANY IDENTIFICATION

Akrotex Films Inc.
1301 Childers Road
Orange, TX 77630
United States

Customer Information Number: 409-886-5520

EMERGENCY TELEPHONE NUMBER

24-Hour Emergency Contact: 409-886-5520

Local Emergency Contact: 409-886-5520

2. Hazards Identification

Emergency Overview

Color: Black/Red

Physical State: Film Sheet

Odor: None

Hazards of Product – Tripping/Slipping Hazard: May be a tripping or slipping hazard if walked on.

OSHA Hazard Communication Standard

Not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Health Effects

Eye Contact: Contact with the eye may cause irritation/scratching.

Skin Contact: No adverse effects from skin contact.

Skin Absorption: Not applicable.

Inhalation: Not applicable.

Aspiration: May cause smothering if placed over nose and mouth.

Ingestion: May cause choking if swallowed. Harmful toxic effects not anticipated from swallowing a small amount.

3. Composition Information

Component	CAS#	Amount
Polyethylene/Ethene, Homopolymer	9002-88-4	<=50.0%
Polyethylene/ Hexene Copolymer	25213-02-09	<=50.0%
EVM	Proprietary	<=60.0%
1-Butene Polymer with Ethene	25087-34-7	<=40.0%
Organic Red Pigment	Proprietary	<=5.0%
Carbon Black	1333-86-4	<=5.0%
Calcium Carbonate	471-34-1	<=5.0%

This is a utility-grade product which can include any of the polymers listed above in varying amounts to make up 100%.

4. First-aid Measures**Description of first aid measures**

Skin Contact: Not Applicable

Eye Contact: If severe scratching or laceration occurs, consult a physician.

5. Fire Fighting Measures**Suitable Extinguishing Media**

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

Special Hazards Arising from the Substance or Mixture: Not Known

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritation. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide, and nitrogen oxides.

Advice for Firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. Accidental Release Measures

Environmental Precautions: Prevent from entering ditches, sewers or waterways.

Methods and Materials for Containment and Cleaning Up: Pick up or sweep up and loose material. See Section 13 for disposal information.

7. Handling and Storage

General Handling: No smoking, open flames or sources of ignition in handling or storage area.

Storage: Store in accordance with good manufacturing practices. Maintain stability if material is stacked. Rack storage is recommended.

8. Exposure Controls/Personal Protection

Exposure Limits

None established

Eye/Face Protection: Use safety glasses(with side shields) to protect from film edges entering the eye.

Respiratory Protection: Do not place product over mouth and nose.

Engineering Controls

None required

9. Physical and Chemical Properties

Appearance

Physical State

Film Sheet

Color	Black/Red
Odor	None
Odor Threshold	Not applicable
Melting Point	180° - 210°F / 82° - 99°C
Freezing Point	Not applicable
Boiling Point	Not applicable
Flammability	Will burn when source ignited
Specific Gravity(H₂O = 1)	.918 - .924
Autoignition Temperature	Not applicable

10. Stability and Reactivity

Reactivity

No dangerous reaction known.

Chemical Stability

Stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Prolonged exposure to UV rays can cause product to become brittle.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

11. Toxicological Information No toxic effects known.

12. Ecological Information (Non Mandatory)

Not Applicable.

13. Disposal Considerations

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and

local laws and regulations. Preferred disposal is in a landfill or by recycling.

14. Transport Information (Non Mandatory)

Not Applicable.

15. Regulatory Information

OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard	No
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

16. Other Information

Recommended Uses: Used in Construction, Agriculture, and General Utility Applications

Revision: Issue date 4/1/2015 replaces all previously issued MSDS or SDS sheets having earlier issue dates.



Safety Data Sheet

Akrotex Films Inc.

Product Name: Flame Retardant Polyethylene Sheet

Issue Date: 4/1/2015

You are advised and encouraged to read and understand the entire SDS, as it contains necessary and useful information.

1. Product and Company Identification

Product Name

Flame Retardant Polyethylene Sheet

COMPANY IDENTIFICATION

Akrotex Films Inc.
1301 Childers Road
Orange, TX 77630
United States

Customer Information Number: 409-886-5520

EMERGENCY TELEPHONE NUMBER

24-Hour Emergency Contact: 409-886-5520

Local Emergency Contact: 409-886-5520

2. Hazards Identification

Emergency Overview

Color: White

Physical State: Film Sheet

Odor: None

Hazards of Product – Tripping/Slipping Hazard: May be a tripping or slipping hazard if walked on.

OSHA Hazard Communication Standard

Not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Health Effects

Eye Contact: Contact with the eye may cause irritation/scratching.

Skin Contact: No adverse effects from skin contact.

Skin Absorption: Not applicable.

Inhalation: Not applicable.

Aspiration: May cause smothering if placed over nose and mouth.

Ingestion: May cause choking if swallowed. Harmful toxic effects not anticipated from swallowing a small amount.

3. Composition Information

Component	CAS#	Amount
Polyethylene/Ethene, Homopolymer	9002-88-4	<=50.0%
Polyethylene/ Hexene Copolymer	25213-02-09	<=50.0%
1-Butene Polymer with Ethene	25087-34-7	<=40.0%
Titanium Dioxide	13463-67-7	<=5.0%
Halogenated Organics	Proprietary	<=10.0%
Inorganic Powders	Proprietary	<=10.0%

This is a utility-grade product which can include any of the polymers listed above in varying amounts to make up 100%.

4. First-aid Measures**Description of first aid measures**

Skin Contact: Not Applicable

Eye Contact: If severe scratching or laceration occurs, consult a physician.

5. Fire Fighting Measures**Suitable Extinguishing Media**

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

Special Hazards Arising from the Substance or Mixture: Not Known

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritation. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide, Hydrogen bromide, and various hydrocarbons.

Advice for Firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. Accidental Release Measures

Environmental Precautions: Prevent from entering ditches, sewers or waterways.

Methods and Materials for Containment and Cleaning Up: Pick up or sweep up and loose material. See Section 13 for disposal information.

7. Handling and Storage

General Handling: No smoking, open flames or sources of ignition in handling or storage area.

Storage: Store in accordance with good manufacturing practices. Maintain stability if material is stacked. Rack storage is recommended.

8. Exposure Controls/Personal Protection

Exposure Limits

None established

Eye/Face Protection: Use safety glasses(with side shields) to protect from film edges entering the eye.

Respiratory Protection: Do not place product over mouth and nose.

Engineering Controls

None required

9. Physical and Chemical Properties

Appearance

Physical State

Film Sheet

Color

White

Odor	None
Odor Threshold	Not applicable
Melting Point	180° - 210°F / 82° - 99°C
Freezing Point	Not applicable
Boiling Point	Not applicable
Flammability	Will burn when source ignited
Specific Gravity(H₂O = 1)	.918 - .924
Autoignition Temperature	Not applicable

10. Stability and Reactivity

Reactivity

Titanium Dioxide Powder is incompatible with strong reducing agents and strong acids, however no powder or dust should be active in plastic sheets since powder is encapsulated in plastic.

Chemical Stability

Stable.

Possibility of Hazardous Reactions

Titanium Dioxide Powder may have strong reactions with molten metal that are very electropositive. e.g. Aluminum, calcium, magnesium, potassium, sodium, zinc, and lithium, however, no powder should be active in plastic sheets since powder is encapsulated in plastic.

Conditions to Avoid

Prolonged exposure to UV rays can cause product to become brittle.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

11. Toxicological Information

Carcinogenicity: Titanium Dioxide powder or dust, when inhaled, has been classified by the International Agency for Research on Cancer(IARC) as an IARC Group 2B carcinogen; however, the powder is encapsulated in a solid plastic sheet that should prevent inhalation of any powder or dust.

12. Ecological Information

(Non Mandatory)

Not Applicable.

13. Disposal Considerations

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Preferred disposal is in a landfill or by recycling.

14. Transport Information (Non Mandatory)

Not Applicable.

15. Regulatory Information

OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard	No
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

16. Other Information

Recommended Uses: Used in Construction, Agriculture, and General Utility Applications

Revision: Issue date 4/1/2015 replaces all previously issued MSDS or SDS sheets having earlier issue dates.