
SECTION 1. Identification of the substance/preparation and company

- 1.1 Product Identification** : Aluminum Composite Material
- 1.2 Model No.** : TLG ACM
- 1.3 Recommended Use** : Interior and Exterior applications, digital printing, signage applications
- 1.4 Applicant Name** : TLG Materials LLC
- 1.5 Applicant Address** : 320 Seven Springs Way, Suite 250, Brentwood, TN, 37027
- 1.6 Tel / Fax** : +1 203 570 5108
- 1.7 Email** : tolga@tlgmaterials.com

SECTION 2. Hazards identifications

2.1 Hazard Class(GHS):

This product does not belong to dangerous goods, no hazard classification.

2.2 Pictograms:

Not applicable

2.3 Signal word:

Not applicable

2.4 Hazard description:

Product contact with eyes may cause irritation or injury.

2.5 Precautionary description:

P280: Wear protective gloves/protective clothing/eye protection/face mask protection.

SECTION 3. Composition / information on ingredients

The difference between the single product and mixture: Mixture

Substance name	Conc. (%)	CAS.
LDPE	71.87	9002-88-4
Aluminium Sheet	25.74	7429-90-5
Adhesive Film	1.27	/
Paint	1.11	/

SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

4.1 Following eye contact:

In case of contact may cause irritation, immediately flush eyes with plenty of water. Call a physician immediately if eye damage.

4.2 Following skin contact:

Wash skin with water. Immediately call consult a physician if feeling uncomfortable.

4.3 Following inhalation:

No volatile substances can be inhaled. However, if feeling uncomfortable, move to fresh air.

Seek medical attention for discomfort or if coughing.

4.4 Following ingestion:

If it is ingested, rinse the mouth with water.

Do not induce vomiting. Never give anything by mouth to an unconscious person.

Seek medical attention immediately.

SECTION 5. Firefighting measures

5.1 Hazardous Characteristics:

Not considered to be a fire hazard. Not easily ignited by fire.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

5.3 Firefighting procedures:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

Extinguish fire in a safe distance with enough protection

Prevent fire extinguishing water from contaminating surface water or the ground water system.

5.4 Hazardous combustion products:

None.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with your eyes.

Ventilate area of leak or spill. Remove all sources of ignition.

Evacuate personnel to safe areas. Keep people away from upwind of spill/leak.

Wear appropriate protective measures (SEE SECTION 8).

6.2 Environmental precautions:

This product has no hazard to the environment. Don't discard in the surrounding environment without government permission.

6.3 Cleaning method:

Remove by physical method. Disposal of discarded waste/pollutants refer to SECTION 13.

SECTION 7. Safe handling and storage

7.1 Handling Notes:

Keep away from fire and heat.

Keep indoor ventilation or local exhaust device.

Avoid sun exposure.

7.2 Storage Notes:

Keep away from fire and heat.

Store in a well-ventilated place. Keep cool.

Stored in compatible containers.

Keep storage containers sealed.

Do not store with incompatible material (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

No information found

8.2 Engineering Control:

Provide adequate ventilation.

8.3 Respiratory Protection:

Wear filter mask.

8.4 Eyes Protection:

Wear protective goggle in working time (Comply with the European Union EN 166 or The U.S. NIOSH standard.)

8.5 Hands Protection:

Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.

8.6 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SECTION 9. Physical and chemical properties

Appearance and Color	White sheet
Odour	Odorless
PH value	No Data
Flammability	Nonflammable
Flash point(°C,Closed cup)	No Data
Boiling point(°C)	No Data
Freezing point (°C)	No Data
Density(g/cm³)	No Data
Relative steam density (air = 1)	No Data
Vapor pressure(MPa)	No Data
Octanol/water partition coefficient	No Data
Viscosity (mPa/s)	No Data
Evaporation rate (kg/s)	No Data
UEL %(V/V)	No Data
LEL %(V/V)	No Data
Auto-ignition temperature(°C)	No Data
Decomposition temperature(°C)	No Data
Solubility	Insoluble in water

SECTION 10. Stability and reactivity

10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali.

10.3 Contact conditions for avoiding:

High temperature.

10.4 Hazardous decomposition products:

None

SECTION 11. Toxicological information**11.1 Acute toxicity:**

No information found.

11.2 Skin corrosion/irritation:

No information found.

11.3 Serious eye damage/irritation:

Product contact with eyes may cause irritation or injury.

11.4 Respiratory or skin sensitisation:

No information found.

11.5 Germ cell mutagenicity:

No information found.

11.6 Carcinogenicity:

No information found.

11.7 Reproductive toxicity:

No information found.

11.8 STOT-single exposure:

No information found.

11.9 STOT-repeated exposure:

No information found.

11.10 Aspiration hazard.:

No information found.

SECTION 12. Ecological information**12.1 Ecotoxicity:**

This product does not contain special materials. According to the environmental protection laws, can't be discarded in those places which would affect soil and underground water.

12.2 Persistence and degradability:

No data available.

12.3 Bio accumulative potential:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Other adverse effects:

No data available

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

13.2 Handling method for uncleaned packaging:

According to official regulations.

SECTION 14. Transport information

14.1 UN NO.: Not classified

14.2 Class: Not classified

14.3 Packaging group: Not classified

14.4 Technical name: Not classified

14.5 Label: Not classified. (Prohibition with antioxidant and food chemical mixed stowage, transit should prevent sun, rain and high temperature.)

14.6 Attention Notes: Gentle with, prevent collision drag and dump. This is not classified as a hazardous/dangerous material under IATA, IMDG, DOT regulations.

SECTION 15. Regulatory information

Hazardous chemicals catalog
International maritime dangerous goods code
Dangerous Goods Number of United Nations
Technical Instructions for the Safe Transport of Dangerous Goods by Air
Classification and code of dangerous goods
Occupational Safety and Health Act (OSHA)
The principle of classification of transport packaging groups of dangerous goods
Globally Harmonized System of Classification and Labelling of Chemicals
In accordance with all local laws.

SECTION 16. Other information

Disclaimer

The information in this Safety Data Sheet was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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