



SAFETY DATA SHEET

This SDS complies with GHS Revision 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

MANUFACTURER'S NAME

Isola Group
6565 West Frye Road
Chandler, Arizona 85226

EMERGENCY TELEPHONE

INFOTRAC U.S.-Canada: 800-535-5053
Information: 480-812-2561

Safety Data Sheet Competent Person: Safety Department

Drew Rocha: drew.rocha@isola-group.com

DATE PREPARED:

January 8th, 2026

REVISION DATE: January 8th, 2026

PRODUCT NAME:

Tachyon 200JV LAMINATE

FORMULA:

N/A (Product is an Article)

PRODUCT USE:

Resin impregnated woven fiberglass used in the manufacture of copper-clad laminate for printed circuit boards.

Section 2: Hazards Identification

GHS Hazard Class

Not Applicable. This product does not meet the physical, health, or environmental classification criteria of GHS (Globally Harmonized System).

This product, which meets the definition of an article, and is outside the scope of the GHS.

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

This product meets the definition and criteria for an Article according OSHA 29 CFR 1910.1200 and the EU REACH 1907/2006 Article 3(3) regulations.

"Article" means a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use.

HAZARD CLASSIFICATION

Not classified as hazardous based on IATA, IMDG, and DOT.

FIRE AND EXPLOSION

Not considered flammable or combustible. However, this product will burn if involved in a fire.

POTENTIAL HEALTH EFFECTS

<0 % of product consists of ingredients of unknown acute toxicity

APPEARANCE

Tan to Brown solid

Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPROX %	CAS NO.
Copper Foil	10 - 30	7440-50-8
Non-Respirable Woven Continuous Filament Glass Fiber	25 - 50	65997-17-3
Reacted Blended Resin Matrix	25 - 50	N/A
Proprietary Flame Retardant	10 - 15	-----
Inorganic Filler	10 - 15	-----

Section 4: First Aid Measures

Description of First Aid Measures

INHALATION:	Remove to fresh air. If not breathing, provide artificial respiration. Get medical attention if necessary and treat symptomatically.
SKIN CONTACT:	Wash skin with soap and water. Get medical attention if irritation persists.
EYE CONTACT:	Flush eyes with plenty of water as a precaution. If persistent irritation develops, seek medical attention.
INGESTION:	Rinse mouth thoroughly with water. Never give anything to an unconscious person. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation	Not applicable
Symptoms/Injuries after Skin Contact	Not applicable
Symptoms/Injuries after Eye Contact	Not applicable
Symptoms/Injuries after Ingestion	Not applicable

Indication of any immediate medical attention and special treatment needed

No data available. Treat symptomatically.

Section 5: Fire-fighting Measures

Suitable extinguishing media	Use foam, dry chemical, or carbon dioxide.
Special hazards arising from the substance or mixture	No data available.
Protective actions fire-fighters	Wear standard protective equipment if necessary.
Further information	Thermal decomposition or combustion may give off toxic fumes, gases and vapors.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Prevent dust formation. Ensure adequate ventilation and isolate area. Wear proper protective equipment as specified in Section 8. Do not breathe dust or fumes/vapor from heated product.

Environmental precautions

No special environmental precautions required.

Methods and materials for containment and cleaning up

Wear proper protective equipment as specified in Section 8: Exposure Controls/Personal Protection. If material is released or spilled, sweep, shovel or vacuum material and place in closed containers for subsequent reuse or disposal.

Reference to other Sections For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling

No special precautions.
Wash hands after handling this material.
For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Store in original closed container. Do not freeze.
Store in a cool dry place. Avoid excessive heat and ignition sources. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.



Specific uses

Resin impregnated woven fiberglass used in the manufacture or copper-clad laminate for printed circuit boards.

Section 8: Exposure Controls/Personal Protection

Control Parameters

Contains no substances with occupational exposure limit values.

Exposure controls

VENTILATION: Provide general ventilation and local exhaust ventilation to meet TLV requirements of individual ingredients and to control dusting conditions. If cutting or trimming with power equipment then dust collectors and local ventilation should be used. Avoid unnecessary exposure to dust and handle with care. Keep work area clean of dust and fibers by using an industrial vacuum cleaner with high efficiency filter or wetting down area with water. Never use compressed air and avoid dry sweeping.

RESPIRATORY PROTECTION: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use a NIOSH/MSHA or European Standard (EN) approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the CEN European Standards (EU).

PROTECTIVE GLOVES: Glove use is recommended. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with glove contamination. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

EYE PROTECTION: Wear safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

SKIN PROTECTION: Suitable protective clothing to prevent skin contact is recommended.

WORK/HYGIENE PRACTICES: Wash hands after handling.

OTHER EQUIPMENT: Make safety shower, eyewash stations, and hand washing equipment available in the work area.

Section 9: Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR	Pale Yellow
PHYSICAL STAT	Solid
ODOR	Odorless
ODOR THRESHOLD	Data not available
PH	Data not available
MELTING POINT/FREEZING POINT	Data not available
INITIAL BOILING POINT AND BOILING RANGE	Data not available
FLASH POINT	Data not available
EVAPORATION RATE	Data not available
FLAMMABILITY (Solid, gas)	Data not available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Data not available
VAPOR PRESSURE	Data not available
VAPOR DENSITY (AIR = 1)	Data not available
RELATIVE DENSITY (@25 °C)	Data not available
SOLUBILITY(IES)	Insoluble
OXIDIZING PROPERTIES	Data not available
PARTITION COEFFICIENT: n-octanol/water	Data not available
AUTO IGNITION TEMPERATURE	Data not available
DECOMPOSITION TEMPERATURE	Data not available
VISCOSITY	Data not available
EXPLOSIVE PROPERTIES	Data not available



Section 10: Stability and Reactivity

Reactivity	Stable under normal storage conditions.
Chemical Stability	Stable under recommended storage conditions
Possibility of Hazardous Reactions	No data available.
Conditions to Avoid	Exposure to excessive heat, flames, sparks and other ignition sources as well as moist air and water. Avoid incompatible materials. Avoid excessive dust generation.
Incompatibility (Materials to Avoid)	Avoid contact with strong oxidizing agents, strong acids, strong bases, mercaptans, and amines.
Hazardous Decomposition Products	Dense smoke, acrid vapors and fumes, aliphatic and aromatic hydrocarbons of variable composition, COx, NOx. Decomposition products depend on temperature, air supply, and other materials that may be present.

Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	ATE LD50 (Oral/Rat):	mg/kg	Not applicable	Product
	ATE LD50 (Dermal/Rabbit):	mg/kg	Not applicable	Product
	ATE LC50 (Inhalation/Rat):	mg/l	Not applicable	Product
	LD50 (Oral/Rat):	mg/kg	Not applicable	Product
	LD50 (Dermal/Rabbit):	mg/kg	Not applicable	Product
	LC50 (Inhalation/Rat):	mg/l	Not applicable	Product
Skin Corrosion/Irritation		Data not available		
Serious Eye Damage / Eye Irritation		Data not available		
Respiratory or Skin Sensitization		Data not available		
Germ Cell Mutagenicity		Data not available		
Carcinogenicity	NTP	Not Listed		
	IARC	Not Listed		
	OSHA	Not Listed		
Reproductive Toxicity		Data not available		
STOT -- Single Exposure		Data not available		
STOT -- Repeated Exposure		Data not available		
Aspiration Hazard		Data not available		

STOT = Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate calculation per OSHA 1910.1200

Section 12: Ecological Information

		Chemical Constituent
Toxicity	Data not available	
Persistence and degradability	Data not available	
Bioaccumulative potential	Data not available	
Mobility in soil	Data not available	
PBT and vPvB assessment	PBT/vPvB assessment not available as chemical assessment not required/not conducted	
Other adverse effects	Data not available	

Section 13: Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Not applicable

Rinsate: Not applicable



Section 14: Transport Information

<u>DOT TRANSPORT</u>		Not Regulated
<u>ADR = International Carriage of Dangerous Goods by Road</u>		Not Regulated
<u>SEA TRANSPORT</u>	IMDG	Not Regulated
<u>AIR TRANSPORT</u>	IATA/ICAO	Not Regulated

Section 15: Regulatory Information

TOXIC SUBSTANCE CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and orders of TSCA. All components are either listed on a federal chemical inventory or are considered exempt.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are:

Toluene, CAS 108-88-3, >0.01 - <=0.1

Toluene: The Prop 65 MADL ug/day) is 7000.

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Massachusetts's hazardous substance(s):	Not listed
Pennsylvania hazardous substance code(s):	Not listed
New Jersey:	Not listed

OSHA HAZARD COMMUNICATION STANDARD

This product is not a "Hazardous Chemical" as defined by 29 CFR 1910.1200.

CANADA:

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

Section 16: Other Information

Initial issue date:	Initial version January 8th, 2026
Final revision date:	January 8th, 2020
Revision Number:	1
Revision explanation:	Updated to current GHS SDS formatting.
Information Sources:	OSHA 29CFR 1910.1200

"Disclaimer: This document is generated to distribute health, safety and environmental data. It is not a specification sheet and none of the displayed data should be construed as a specification. Information on this SDS sheet was obtained from sources which we believe are reliable, and we believe that the information is complete and accurate. However, the information is provided without any warranty, express or implied, regarding its correctness. Some of the information presented and conclusions drawn are from sources other than direct test data of the substance. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may also be beyond our knowledge. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. If the product is used as a component in another product, this SDS information may not be applicable. For these reasons, we do not assume any responsibility and expressly disclaim liability for any loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product."