SAFETY DATA SHEET

1. Identification

Product identifier Silicone Potting Compound

Other means of identification

Product code TG-ASD35AB

Recommended use Silicone Potting Compound

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier T-Global Technology Co., Ltd.

Address No 33, Ln. 50, Daren Rd., Taoyuan Dist., Taoyuan City 330058

Emergency telephone number +886-3-3618899

2. Hazard(s) identification

Emergency overview Low hazard under normal conditions.

Physical hazards Not classified

Health hazards Not classified

OSHA defined hazards Not classified

GHS-classification Not classified

Label elements

Hazard symbol None

Signal word Not applicable

Hazard statement Not applicable

Precautionary statement

Prevention Observe good industrial hygiene practices

Response Wash thoroughly after handling

Storage Store away from incompatible materials

Disposal Dispose of waste and residues in accordance with local authority regulations.

Supplementary Information

This product is not hazardous according to OSHA 29 CFR 1910.1200 requirements!
Hence, a hazard label does not apply.

3. Composition/information on ingredients

Substance/mixture

Chemical name	CAS Number	Concentration (%)
Silicone	68083-19-2	5~15
Aluminum oxide	1344-28-1	85~95

4. First-aid measures

Inhalation	Move to fresh air. Get medical attention if symptoms occur.
Skin contact	Wash skin with soap and water. Get medical attention if irritation persists. after washing.
Eye contact	Flush thoroughly with water. If irritation occurs, get medical assistance.
Ingestion	Rinse mouth thoroughly. Get medical attention if any discomfort occurs.

Most important symptoms and health effects

Under normal conditions of intended use, this material does not pose a risk to health

Indication of immediate medical attention and special treatment needed.

Treat symptomatically.

General information

Get medical attention if any discomfort develops.

5. Fire-fighting measures

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media	None known
Specific hazards arising from the chemical	None

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Selection of respiratory protection for firefighting: follow the general fire. precautions indicated in the workplace.

Firefighting equipment/instructions

Move containers from fire area if you can do so without risk.

6.Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Avoid contact with skin and eyes. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up.

Sweep up or gather material and place in appropriate container for disposal. For waste disposal, see section 13 of the SDS.

Environmental precautions

Environmental Manager must be informed of all major spillages.

7. Handling and storage

Precautions for safe handling

Provide adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Observe good industrial hygiene practices. Wear appropriate personal protective equipment (See Section 8).

Conditions for safe storage, including any incompatibilities.

Store in closed original container in a dry place. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits	No occupational exposure limits noted for the ingredient(s)**.**
Biological limit values	No biological exposure limits noted for the ingredient(s)
Exposure guidelines	Follow standard monitoring procedures

Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment Eye/face protection

Risk of contact: Wear approved safety goggles

Skin protection Hand protection	Use suitable protective gloves if risk of skin contact. Suitable gloves can be recommended by the glove supplier.
Other	If prolonged or repeated contact is likely, chemical resistant clothing is recommended.
Respiratory protection	In case of inadequate ventilation, use respiratory protection.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.

9. Physical and chemical properties

Appearance

Physical state	Liquid paste
Form	Liquid paste
Color	Agent A: Pink Agent B: White
Odor	None
Odor threshold	Not relevant
pH	Not relevant

Melting point/freezing point	Not relevant.
Initial boiling point and boiling range	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not relevant.
Flammability (solid, gas)	Not relevant.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not relevant
Flammability limit - upper (%)	Not relevant
Explosive limit - lower (%)	Not relevant
Explosive limit - upper (%)	Not relevant
Vapor pressure	Not relevant
Vapor density	Not relevant
Solubility(ies)	
Solubility (water)	Insoluble (<0.1%)
Solubility (solvents)	Not relevant
Partition coefficient	Not relevant
Auto-ignition temperature	Not relevant
Decomposition temperature	Not relevant
Viscosity	Not relevant
Other information	Not relevant
Bulk density	Not available
Density	3.0 g/cm3
Explosive properties	Not relevant
Oxidizing properties	Not relevant
VOC	Not relevant

10.Stability and reactivity

Reactivity Chemical stability the product is stable and non-reactive under normal conditions of use, storage, and transport.

Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	None

11. **Information on likely routes of exposure**

Inhalation	Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the mucous membranes and respiratory tract.

Skin contact	Prolonged skin contact may cause temporary irritation.
Eye contact	May cause eye irritation on direct contact.
Ingestion	Ingestion may cause irritation and malaise.

Symptoms related to the physical, chemical, and toxicological characteristics

Under normal conditions of intended use, this material does not pose a risk to health.

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Inhalation of carbon black dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified
Aspiration hazard	Not an aspiration hazard
Chronic effects	N/A
Further information	N/A

12. **Ecological information**

Ecotoxicity	The product is not classified as environmentally hazardous.
Persistence and degradability	No data available
Bio accumulative potential	No data available
Mobility in soil	the product is insoluble in water
Other adverse effects	None known

13. **Disposal considerations**

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code	The waste code should be assigned in discussion between the user, the producer, and the waste disposal company.
Waste from residues / unused products	Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.
Contaminated packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. **Transport information**

DOT	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This substance/mixture is not intended to be transported in bulk.

15. **Regulatory information**

Trash Clearance Act., Air Pollution Protection Act., Enforcement Rules of the Labor Safety and Health Law, Prevention and Control of Water Pollution Act.

16. **References**

EPA: AQUIRE database
IARC Monographs. Overall Evaluation of Carcinogenicity
NLM: Hazardous Substances Data Base

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