
Material Safety Data Sheet

1. Chemical product and company identification

Product name : GA5D, GA07, GC5D, GF5D, GI5D, GK5D
Company : Seikoh Giken Co. Ltd.
Address : 296-1 Matsuhidai, Matsudo, Chiba 270-2214 JAPAN
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2. Hazard identification

Most Important Hazards

Adverse human health effects : Product is no hazardous in case of usual handling.
May produce hazardous gas by combustion or pyrolysis.
Environmental effects : No Information available
Physical and chemical hazards : Flammable.
May be ignited by heat, sparks or flames.

3. Composition / information on ingredients

Substance or mixture : Mixture

Ingredient	CAS RN
Silicon carbide	409-21-2
Polyethylene terephthalate	25038-59-9
Polyester, Polyurethane	N/A

4. First-aid measures

Inhalation : Remove victim to fresh air and keep at rest. Get medical advice / attention if you feel unwell.
Skin : Wash with plenty soap and water. If skin irritation occurs, get medical advice / attention.
Eye : Rinse cautiously with water for several minutes. If eye irritation persists, get medical advice /attention.
Ingestion : If you feel unwell, get medical advice / attention.

5. Fire-fighting measures

Suitable extinguishing media : Water spray, dry chemical, foam, carbon dioxide
Unsuitable extinguishing media : No information available

Specific hazards during fire	: May produce hazardous gas by combustion or pyrolysis.
Specific fire-fighting	: Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.
Protection for fire-fighters	: Use goggles in combination with dust mask, and another protection as appropriate to situation.

6. Accidental release measures

Personal precautions	: Not dangerous.
Environmental precautions	: Not dangerous
Methods and materials for containment and cleaning up	: Sweep up for disposal.
Precautions of secondary accident	: Remove sources of ignition

7. Handling and storage

Handling

Technical measures	: Protect from physical damage.
Local ventilation / general ventilation	: Handle in well-ventilated areas.
Precautions for safe handling	: None

Storage

Conditions for suitable storage	: Avoid direct sunlight. Store in dark and well-ventilated place.
Incompatible substances	: No information available
Safe vessels and packaging materials	: No information available

8. Exposure controls / personal protection

Limit value

ACGIH(TLV)	: No established
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Engineering measures	: When vapors/fumes mists is occurred, use local ventilation.
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Personal protective equipment	: In case of usual handling, personal protective equipment is not needed.
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Respirator protection	: Dust mask
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Hand protection	: Rubber gloves
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Eye protection	: Safety glasses
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Skin and body protection	: Full-body suit
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Hygiene measures	: No information available
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9. Physical and chemical properties

Physical state, (Form, Color, etc.)	: Solid, Thin film
Odor	: Odorless
pH	: Not applicable
Melting point / freezing point	: No data available Polyethylene terephthalate ; 260°C (Base film)
Boiling point	: No data available
Flash point	: No data available
Explosive limits	: No data available
Vapor pressure	: No data available
Vapor density	: No data available
Density	: No data available
Solubility	
Water solubility	: Insoluble
Solvent solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available Polyethylene terephthalate ; 575°C (Base film)
Decomposition temperature	: No data available

10. Stability and reactivity

Stability	: Stable in general
Possibility of hazardous reactions	: None
Conditions to Avoid	: No information available
Incompatible materials	: No information available
Hazardous decomposition products	: None

11. Toxicological information

Acute toxicity (Oral)	: No information available
Acute toxicity (Derma)	: No information available
Skin corrosion / irritation	: No information available
Serious eye damage / irritation	: No information available
Respiratory or skin sensitization	: No information available
Germ cell mutagenicity	: No information available
Carcinogenicity	: No information available
Reproductive toxicity	: No information available
STOT - single exposure	: No information available
STOT – repeated exposure	: No information available

Aspiration hazard : No information available

12. Ecological information

Toxicity : No information available
Persistence / degradability : No information available
Bioaccumulative potential : No information available
Mobility in soil : No information available

13. Disposal considerations

Disposal methods : Disposal of this product must be in compliance with the laws, requirements and regulations for environmental protection, which are applicable to this product in the user's country and/or state.

14. Transport information

UN Number : Not applicable
UN Class : Not applicable
Specific precautions and condition for transport : Ensure containers without breakage or leakage.
Ensure containers tightly fixed.

15. Regulatory information

Follow all regulations in your country or region

Chemical Inventories

AICS(Australia)	: No information available
DSL(Canada)	: No information available
ECL(Korea)	: No information available
EINECS(EU)	: No information available
ENCS(Japan)	: No information available
IECSC(China)	: No information available
PICCS(Philippines)	: No information available
TSCA(USA)	: No information available

Seikoh Giken is not able to check up the regulatory information in regard to the substances in your country or region. Therefore, we request this matter would be filled by your responsibility.

16. Other information

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other

damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.