

Safety Data Sheet

No. 5080A

SDS version: 3.1

Revision date : 2020/10/08

Print date :

1. CHEMICALS AND COMPANY IDENTIFICATION

Chemicals name : TPU RESINS

Other names : —

Product code : ISOTHANE 5080A

Use recommendations and limitations : Injection, Extrusion.

Name, addresses, and phone numbers of the manufacturer, importer or supplier :

GREAT EASTERN RESINS INDUSTRIAL CO., LTD.

35, 34TH Road, Taichung Industrial Park, Taichung, Taiwan 407, R. O. C.

Telephone : 886-4-2358-7676

Emergency contact phone numbers/fax numbers :

TEL: 886-4-2358-7676 FAX: 886-4-2358-7575

E-mail address of person responsible for Safety Data Sheet : tw2719@greco.com.tw

2. HAZARDS IDENTIFICATION

Chemicals hazard classification : No hazardous ingredients

Label contents :

· Pictogram : —

· Signal words : —

· Hazard statements : —

· Precautionary statements : —

· Other hazards : —

3. INGREDIENTS IDENTIFICATION INFORMATION

PURE MATERIAL :

Name : Thermoplastic polyurethane

Synonyms : —

CAS No. : —

The hazardous ingredient (% of the content) : No hazardous ingredients

Safety Data Sheet

No. 5080A

SDS version: 3.1

Revision date : 2020/10/08

Print date :

4. FIRST-AID MEASURES:

The first-aid measures for different exposure routes :

- inhalation : In case of breathing, fumes released from heated material may cause respiratory irritation. In case of inhaling dense smoke, immediately remove the person to fresh air area.
- skin contact : Essentially nonirritating to skin but rinse with running water.
- eye contact : Immediately rinse eyes with plenty of running water and seek for medical advice.
- ingestion : If vomiting occurs, lower the head to ease vomiting and seek for medical advice.

The most important symptoms and hazardous effects : Have not obviously endangered.

The protection of first-aiders : Have not obviously endangered.

Notes to physicians : Have not obviously endangered.

5. FIRE-FIGHTING MEASURES :

Suitable fire extinguishing media :

Water spray and water, dry chemical powder, alcohol foam, and carbon dioxide.

Special hazards may be encountered during fire-fighting :

Have not obviously endangered.

Special fire-fighting methods :

Water spray and water, dry chemical powder, alcohol foam, and carbon dioxide.

Special equipments and protections for fire-fighters :

The fireman must equip with protective clothing and contained breathing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Have not obviously endangered.

Environmental precautions : Have not obviously endangered.

Methods for cleaning up :

Sweep, use vacuum cleaner, or shovel into intact packaging for waste disposal or possible re-use.

7. SAFE HANDLING AND STORAGE MEASURES

Handling : Keep bags / containers in a well ventilated place.

Storage : Keep bags always closed. Avoid pellets / bags from getting wet.

Safety Data Sheet

No. 5080A

SDS version: 3.1

Revision date : 2020/10/08

Print date :

8. EXPOSURE CONTROLS MEASURES

| | | | |
|---|----------------------------|-------------------------|----------------------|
| Engineering control : — | | | |
| Control parameters | | | |
| 8 hours time weighted average exposure limits | Short-term exposure limits | Maximum exposure limits | Biological standards |
| — | — | — | — |
| Personal protective equipment : · respiratory protection : Have not obviously endangered. · hand protection : Rubber gloves. · eye protection : Safety glasses/face shield. · skin and body protection : Rubber gloves. | | | |
| Hygiene measures : Keep the work area clean and drying. | | | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Appearances(state, color, etc.) : Transparent pellet. | Odor : Almost odorless. |
| Odor threshold : — | Melting point : 130~150 °C |
| pH value : — | Boiling point / Boiling range : — |
| Flammability (solid 、 liquid) : — | Flashpoint : — °F — °C |
| Decomposition temperature : — | Test method (Open cup or Close cup) : — |
| Autoignition temperature : — | Explosion limits : — |
| Vapor pressure : — | Vapor density : — |
| Density : 1.12~1.17 | Solubility : Soluble in DMF |
| Octanol / Water partition coefficient : — | Evaporating rate : — |
| Viscosity : — | Explosive properties : — |
| Oxidising properties : — | |

10. STABILITY AND REACTIVITY

| |
|--|
| Reactivity : Have not obviously endangered. |
| Chemical Stability : Have not obviously endangered. |
| Possible hazardous reactions occurring under specific conditions : Have not obviously endangered. |

Safety Data Sheet

No. 5080A

SDS version: 3.1

Revision date : 2020/10/08

Print date :

Conditions to avoid : Have not obviously endangered.

Materials to avoid : Have not obviously endangered.

Hazardous decomposition products : Have not obviously endangered.

11. TOXICOLOGICAL INFORMATION

Exposure routes : Have not obviously endangered.

Symptoms : Have not obviously endangered.

Acute toxicity : Have not obviously endangered.

Chronic toxicity or long term toxicity : Have not obviously endangered.

12. ECOLOGICAL INFORMATION

Ecotoxicity : Have not obviously endangered.

Persistence and degradation : —

half-life (air) : —

half-life (surface water) : —

half-life (ground water) : —

half-life (soil) : —

Organism accumulation :

Movement through soil, Koc :

Other negative effects :

13. WASTE DISPOSAL MEASURES

Methods of waste disposal :

This product may be recycled either back into original parts or into other suitable applications.
Dispose according to local regulations.

14. TRANSPORT INFORMATION

United Nation number (UN No) :

Not classified as hazardous material under transportation regulation.

UN proper shipping name : —

Transport hazard classification : —

Packing Group : —

Ocean contaminants (Yes/No) : NO

Specific transport measures and precautionary conditions : —

