



## Safety Data Sheet according to GB/T 16483-2008

Page 1 of 6 .

TECHNOMELT PA 658

SDS No. : 464246  
V001.2  
Revision: 16.09.2020  
printing date: 26.03.2022

### 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** TECHNOMELT PA 658

**Intended use:** Hotmelt adhesive

**Manufacturer/Importer/Distributor Representative Company**

Henkel Adhesive Technology (Shanghai) Co., Ltd.  
Room 105, 2B (Building 1), No. 928 Zhangheng Road, China (Shanghai) Pilot Free Trade Zone  
201204 Pudong New Area, Shanghai, P.R. China

China

Phone: +86-21-2891 8000  
Fax-no.: +86-21-2891 5137  
E-mail: ap-ua-psra.china@henkel.com

**Revision date:** 16.09.2020

**Emergency information:** Emergency telephone: +86 21 2891 8311 (24h).

### 2. Hazards identification

**Classification of the substance or mixture according to GB 13690-2009 (General rule for classification and hazard communication of chemicals):**

No classification required.

**Label elements according to GB 15258-2009 (General rules for preparation of precautionary label for chemicals):**

No classification required.

### 3. Composition / information on ingredients

**General description:** Mixture

**Declaration of the ingredients according to GB 13690-2009:**

Hazard component CAS-No.	Content	GHS Classification
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	1- < 2.5 %	Acute hazards to the aquatic environment 3 H402 Chronic hazards to the aquatic environment 3 H412

Only hazardous ingredients for which a classification according to GB 13690-2009 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

#### 4. First aid measures

<b>Skin contact:</b>	After contact with the hot melt: cool with water, seek medical attention.
<b>Eye contact:</b>	After contact with the hot melt: cool with water, seek medical attention.
<b>Inhalation:</b>	Move to fresh air, consult doctor if complaint persists.
<b>Ingestion:</b>	If adverse health effects develop seek medical attention.

#### 5. Fire fighting measures

<b>Hazardous combustion products:</b>	carbon monoxide Carbon dioxide Irritating and toxic gases or fumes may be released during a fire.
<b>Extinguishing media:</b>	All common extinguishing agents are suitable.
<b>Notice and measures for firing fighting:</b>	Keep unnecessary personnel away. Wear full protective clothing. Wear self-contained breathing apparatus.

#### 6. Accidental release measures

<b>Emergency measures:</b>	Ensure adequate ventilation. Do not empty into drains / surface water / ground water. See advice in section 8
<b>Clean-up methods:</b>	Allow to solidify. Remove mechanically. Dispose of contaminated material as waste according to Section 13.

#### 7. Handling and storage

<b>Notice for handling:</b>	Ensure good ventilation/suction at the workplace. Avoid skin and eye contact. Keep out of the reach of children. When using do not eat, drink or smoke. See advice in section 8 Molten adhesive may cause severe burns to skin and eye, and irritating fumes and gases may be released upon thermal processing or dur
<b>Notice for storage:</b>	Refer to Technical Data Sheet

### 8. Exposure controls / personal protection

Hazardous components	GBZ 2.1-2019	ACGIH	NIOSH	OSHA
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	none	none		none

**Engineering controls:** Draw off vapours directly at the point of generation and exit. In the case of regular work, provide bench-mounted extraction equipment.  
Handle in accordance with good industrial hygiene and safety practice

**Respiratory protection:** Suitable breathing mask when there is inadequate ventilation.

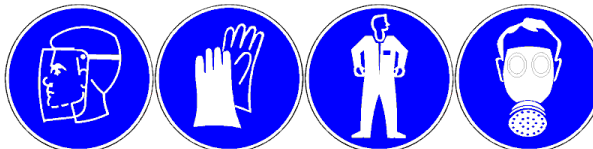
**Eye protection:** Wear protective glasses.

**Body protection:** Wear protective equipment.

**Hand protection:** Wear refractive gloves while working with the hot melt.

**Other protection:** The selection of PPE shall at least compliant with "Law of the People's Republic of China on Prevention and Control of Occupational Diseases" and "Code of practice for selection of personal protective equipments" (GB/T 11651-2008).

**Pictograms for recommended PPE:**



### 9. Physical and chemical properties

Physical state:	solid	Appearance:	black
Evaporation rate:	Not available.	Odor:	characteristic
pH:	Not applicable	Melting point:	Not available.
Boiling point:	Not available.	Density:	0.9800 g/cm3
Vapor density:	Not available.	Vapor pressure:	Not available.
Flash point:	Does not flash.	Ignition temperature:	Not available.
Lower explosive limit:	Not available.	Upper explosive limit:	Not available.
Solubility in water:	Not available.	Viscosity:	3,500 - 4,500 mPa.s
Auto-ignition temperature:	Not available.	Flammability:	Not available.
Octanol / water distribution coefficient:	Not available.	Decomposition temperature:	Not available.
VOC:	Bulk adhesive Thermoplastic Transportation 0 g/kg , GB 33372-2020 Limit of volatile organic compounds content in adhesive		

### 10. Stability and reactivity

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	None known if used to the intended purpose. Long term exposure to elevated temperatures.
<b>Incompatible products:</b>	None if used for intended purpose.
<b>Decomposition products:</b>	No decomposition if used according to specifications.

### 11. Toxicological information

**General toxicological information:**  
No laboratory animal data available.

**Other remarks:**

Not available.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	LD50	> 5,000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity) equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
	LD50	> 2,000 mg/kg	dermal		rat	

## 12. Ecological information

**General ecological information:**

Do not empty into drains / surface water / ground water.

**Ecotoxicity:**

No data available.

**Other adverse effects:**

Not available.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	LC50	> 71 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	EC50	51 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	EC50	> 100 mg/l	Algae	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	NOEC	10 - 100 mg/l	Algae	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	IC50	> 100 mg/l	Bacteria	3 h	activated sludge, domestic	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1	not readily biodegradable.	aerobic	0 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
------------------------------	--------	-------------------------------	---------------	---------	-------------	--------

Benzenamine, N-phenyl, reaction products with 2,4,4- trimethylpentene 68411-46-1		> 411 - 1,730	42 d	Cyprinus carpio	24 °C	other guideline:
Benzenamine, N-phenyl, reaction products with 2,4,4- trimethylpentene 68411-46-1	> 5				25 °C	QSAR (Quantitative Structure Activity Relationship)

### 13. Disposal considerations

- Product disposal:** Dispose of in accordance with local and national regulations.
- Disposal of uncleaned packages:** After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

### 14. Transport information

**Road transport CN\_DG:**

Not dangerous goods

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

**Notice For Transportation:**

Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

### 15. Regulatory information

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/unloading, classification as well as symbol.

“Law of the People's Republic of China on Work Safety” (Adopted by the 28th meeting of 9th NPC standing committee on 29th June 2002, revised by 10th meeting of 12nd NPC standing committee on 31st Aug 2014).

Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases” (Adopted by the 24th meeting of 9th NPC standing committee on 27th October 2001, revised by 7th meeting of 13rd NPC standing committee on 29th Dec 2018).

“Law of the People's Republic of China on environmental protection” (Adopted by 11st meeting of 7th NPC standing committee on 26th December 1989, revised by 8th meeting of 12nd NPC standing committee on 24th Apr 2014).

“Regulation on the Safety Management of Hazardous Chemicals” (Adopted by 32nd State Council executive meeting on 4th December 2013).

“Regulations on License to Work Safety” (Adopted by 54th State Council executive meeting on 29th July 2014).

**Compliance with RoHS.**

### 16. Other information

**Issue date:** 26.03.2022  
**Issue department:** Product Safety & Regulatory Affairs for China

**Disclaimer:**

This Safety Data Sheet has been generated in accordance with Chinese law only. It provides information on the chemical product in the aspects of safety, health, environment, etc, recommending preventive and protective measures and countermeasures in case of emergency. The information contained herein does not constitute a guarantee concerning the properties of the material. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance. This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

**Others:**

**The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:**

H402 Harmful to aquatic life.