



Safety Data Sheet according to GB/T 16483-2008

Page 1 of 6 .

TECHNOMELT PA 2302 BLACK BG20KG

SDS No. : 321071

V001.2

Revision: 16.02.2022

printing date: 26.03.2022

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

Product name: TECHNOMELT PA 2302 BLACK BG20KG

Intended use: Special hotmelt, based on polyamide

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: 16.02.2022

Emergency information: +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
Bis(4-octylphenyl)amine 101-67-7	1- < 2.5 %	Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 2 H411

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

Skin contact:	Molten adhesive may cause severe burns. Cool skin rapidly with cold water after contact with molten material. Cover affected areas with clean sheeting or gauze and seek immediate medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn.
Eye contact:	If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Get medical attention.
Ingestion:	Do not induce vomiting. Get immediate medical attention.

5. Fire fighting measures

Hazardous combustion products:	Oxides of carbon. Oxides of nitrogen. Toxic and irritating vapors.
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide. Use extinguishing measures appropriate to local circumstances and the surrounding environment.
Notice and measures for firing fighting:	Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. High concentration of airborne dust may form explosive mixture with air. Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

6. Accidental release measures

Emergency measures:	Do not allow product to enter sewer or waterways.
Clean-up methods:	Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Spilled material will solidify. Sweep up spilled material and place in a closed container for disposal. Avoid creating dust.

7. Handling and storage

Notice for handling: Do not place wet or damp solid into melt tank.
Follow suggested application temperature.
Always be careful around molten material.
Avoid skin contact with molten resins.
Do not wear contact lenses.
Avoid dust formation.

Notice for storage: Refer to Technical Data Sheet

8. Exposure controls / personal protection

Hazardous components	GBZ 2.1-2019	ACGIH	NIOSH	OSHA
Bis(4-octylphenyl)amine	none	none		none

Engineering controls: Use adequate ventilation to remove molten vapors or fumes.
Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Respiratory protection: Solid Resin:
Dust safety masks are recommended when the potential for dust inhalation exists.
Molten Resin:
Use a NIOSH approved respirator if ventilation is inadequate.

Eye protection: Safety goggles or safety glasses with side shields.
Full face protection should be used if the potential for splashing or spraying of product exists.
Do not wear contact lenses.

Body protection: Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.

Hand protection: The use of chemical resistant gloves such as Nitrile is recommended.

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).

9. Physical and chemical properties

Physical state:	solid	Appearance:	black
Evaporation rate:	Not available.	Odor:	characteristic
pH:	Not available.	Melting point:	Not available.
Boiling point:	Not available.	Density:	Not available.
Vapor density:	Not available.	Vapor pressure:	Not available.
Flash point:	No flash point up to 200 °C	Ignition temperature:	Not available.
Lower explosive limit:	Not available.	Upper explosive limit:	Not available.
Solubility in water	Not available.	Viscosity:	3,500 - 6,000 mPa.s
Auto-ignition temperature:	Not available.	Flammability:	Not available.
Octanol / water distribution coefficient:	Not available.	Decomposition temperature:	Not available.
VOC:	Bulk adhesive Thermoplastic Assembly Industry < 50 g/kg, GB 33372-2020 Limit of volatile organic compounds content in adhesive		

10. Stability and reactivity

Stability:	Stable under normal conditions of storage and use.
Conditions to avoid:	Avoid dust formation. Store away from incompatible materials.
Incompatible products:	Strong oxidizing agents. Strong acids and strong bases.
Decomposition products:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.

11. Toxicological information

General toxicological information:
No laboratory animal data available.

Carcinogenicity

No data available.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Bis(4-octylphenyl)amine 101-67-7	LD50 LD50	> 5,000 mg/kg 8,000 mg/kg	oral		rat rat	

12. Ecological information

General ecological information:
Do not empty into drains / surface water / ground water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Bis(4-octylphenyl)amine 101-67-7	LC50	> 1,000 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Bis(4-octylphenyl)amine 101-67-7	EC50	7.7 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
---------------------------------	--------	-------------------------	---------------	--------

Bis(4-octylphenyl)amine 101-67-7		aerobic	0 %	OECD 301 A - F
-------------------------------------	--	---------	-----	----------------

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Bis(4-octylphenyl)amine 101-67-7	11.26					not specified

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).

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:

H401 Toxic to aquatic life.