



Safety Data Sheet according to GB/T 16483-2008

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TECHNOMELT PA 6782 BLACK E 20KG

SDS No. : 551748

V001.2

Revision: 19.10.2020

printing date: 26.03.2022

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

Product name: TECHNOMELT PA 6782 BLACK E 20KG

Intended use: Hotmelt adhesive

Manufacturer/Importer/Distributor Representative Company

Henkel Adhesive Technology (Shanghai) Co., Ltd.
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Revision date: 19.10.2020

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):

Hazard Class
Skin sensitizer

Hazard Category
Category 1

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

Hazard pictogram:



Signal word:

Warning

Hazard statement:	H317 May cause an allergic skin reaction.
Prevention:	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves.
Response:	P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Disposal:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

3. Composition / information on ingredients

General description: Mixture
Declaration of the ingredients according to GB 13690-2009:

Hazard component CAS-No.	Content	GHS Classification
4-(1-Methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]aniline 10081-67-1	1- < 2.5 %	Skin sensitizer 1B H317 Chronic hazards to the aquatic environment 4 H413

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:	IF ON SKIN: Wash with plenty of soap and water. In case of adverse health effects seek medical advice.
Eye contact:	Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.
Inhalation:	Move to fresh air, consult doctor if complaint persists.
Ingestion:	Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire fighting measures

Hazardous combustion products:	Oxides of carbon, oxides of nitrogen, irritating organic vapors.
Extinguishing media:	All common extinguishing agents are suitable.
Notice and measures for fire fighting:	In case of fire toxic gases can be released. Wear protective equipment. Wear self-contained breathing apparatus.

6. Accidental release measures

- Emergency measures:** Wear protective equipment.
Do not empty into drains / surface water / ground water.
Avoid contact with skin and eyes.
Keep unprotected persons away.
- Clean-up methods:** Dispose of contaminated material as waste according to Section 13.
Remove mechanically.
Allow to solidify.

7. Handling and storage

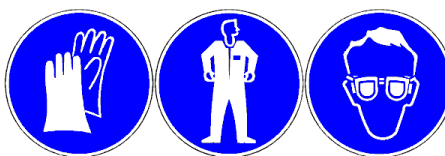
- Notice for handling:** Do not place wet or damp solid into melt tank.
Follow suggested application temperature.
Always be careful around molten material.
Avoid skin contact with molten resins.
Do not wear contact lenses.
Avoid dust formation.
- Notice for storage:** Refer to Technical Data Sheet

8. Exposure controls / personal protection

Hazardous components	GBZ 2.1-2019	ACGIH	NIOSH	OSHA
Carbon black	4 mg/m ³ PC-TWA Total dust.	3 mg/m ³ TWA Inhalable fraction.		none

- Engineering controls:** Ensure good ventilation/extraction.
- Respiratory protection:** In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P (EN 14387).
This recommendation should be matched to local conditions.
- Eye protection:** Goggles which can be tightly sealed.
- Body protection:** Wear protective equipment.
Protective clothing that covers arms and legs.
- Hand protection:** Wear refractive gloves while working with the hot melt.
Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.
- 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:	Typical
pH:	Not available.	Melting point:	Not available.
Boiling point:	Not available.	Density:	1.0 g/cm ³
Vapor density:	Not available.	Vapor pressure:	Not available.
Flash point:	> 200 °C (> 392 °F)	Ignition temperature:	Not available.
Lower explosive limit:	Not available.	Upper explosive limit:	Not available.
Solubility in water	Insoluble	Viscosity:	6,400 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

Conditions to avoid:	None if used for intended purpose.
Incompatible products:	None if used for intended purpose.
Decomposition products:	No decomposition if used according to specifications.

11. Toxicological information

General toxicological information:
No laboratory animal data available.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
4-(1-Methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]aniline 10081-67-1	LD50	> 10,000 mg/kg	oral		rat	not specified OECD Guideline 434 (Acute Dermal Toxicity)
	LD50	> 2,000 mg/kg	dermal		rat	

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
4-(1-Methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]aniline 10081-67-1	sensitising	Mouse local lymph node assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

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
4-(1-Methyl-1-phenylethyl)- N-[4-(1-methyl-1- phenylethyl)phenyl]aniline 10081-67-1	LC50	Toxicity > Water solubility	Fish		Poecilia reticulata	OECD Guideline 203 (Fish, Acute Toxicity Test)
4-(1-Methyl-1-phenylethyl)- N-[4-(1-methyl-1- phenylethyl)phenyl]aniline 10081-67-1	EC50	Toxicity > Water solubility	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
4-(1-Methyl-1-phenylethyl)- N-[4-(1-methyl-1- phenylethyl)phenyl]aniline 10081-67-1		aerobic	29 %	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
4-(1-Methyl-1-phenylethyl)- N-[4-(1-methyl-1- phenylethyl)phenyl]aniline 10081-67-1		12 - 57		Cyprinus carpio		EU Method C.13 (Bioconcentration: Flow- through fish test)
4-(1-Methyl-1-phenylethyl)- N-[4-(1-methyl-1- phenylethyl)phenyl]aniline 10081-67-1	7.9				25 °C	OECD Guideline 117 (Partition Coefficient (n- octanol / water), HPLC Method)

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:

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Others:

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

H317 May cause an allergic skin reaction.

H413 May cause long lasting harmful effects to aquatic life.

