



Voluntary safety information based on the Safety Data Sheet in accordance with Annex II of Regulation (EC) No 1907/2006

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PLASTIFELT 4MM

SDS No. : 644630
V002.0

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SECTION 1: Identification of the article and of the company/undertaking

1.1. Product identifier

PLASTIFELT 4MM

1.2. Relevant identified uses of the article and uses advised against

Intended use:

Bituminous product

1.3. Details of the supplier of the safety data sheet

Henkel Jebal Ali FZCO
PO Box 61341 - Jebel Ali
Dubai

Utd.Arab.Emir.

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or www.henkel-adhesives.com.

1.4. Emergency telephone number

HAAD Poison and Drug Information Center UAE, TOLL FREE TEL. NUMBER 800-424

SECTION 2: Hazards identification

2.1. Classification of the article

Classification (CLP):

Substances and preparations marketed in a specific form or within specific containers need not to be classified according to the REACH Regulation Article 3 (3).

2.2. Label elements

Label elements (CLP):

Substances and preparations marketed in a specific form or within specific containers need not to be classified according to the REACH Regulation Article 3 (3).

2.3. Other hazards

None if used properly.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

General chemical description:

Manufactured item - article

Base substances of preparation:

Bitumen
Calcium carbonate

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number	content	Classification
Asphalt 8052-42-4	232-490-9	60- 80 %	

For full text of the H - statements and other abbreviations see section 16 "Other information".
Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

5.2. Special hazards arising from the article

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released.

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5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Remove mechanically.
Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No particular measures required.

Hygiene measures:

Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities

Temperatures between + 5 °C and + 35 °C
Keep away from heat and direct sunlight.
Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

7.3. Specific end use(s)

Bituminous product

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
Utd.Arab.Emir.

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4 [ASPHALT (BITUMEN) FUME AS BENZENE-SOLUBLE AEROSOL, INHALABLE FRACTION OF THE AEROSOL]		0,5	Time Weighted Average (TWA):		AD TLV
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		DB OEL
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		GCC TLV
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		UAE OEL

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Occupational Exposure Limits

Valid for
Bharain

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		BH TLV
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		GCC TLV

Occupational Exposure Limits

Valid for
Egypt

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4 [ASPHALT (PETROLEUM) FUMES (AS BENZENE SOLUBLE AEROSOLS)]		0,5	Time Weighted Average (TWA):		EG OEL
Calcium carbonate 471-34-1 [CALCIUM CARBONATE (INCLUDING LIMESTONE AND MARBLE), TOTAL DUST CONTAINING NO MORE THAN 1% CRYSTALLIZED SILICA AND NO ASBESTOS]		10	Time Weighted Average (TWA):		EG OEL

Occupational Exposure Limits

Valid for
Jordan

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4 [ASPHALT]		5	Time Weighted Average (TWA):		JO TLV

Occupational Exposure Limits

Valid for
Kuwait

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		GCC TLV
Asphalt 8052-42-4 [ASPHALT (FUME)]		5	Short-term Exposure Limit (STEL):		KW OEL
Asphalt 8052-42-4 [ASPHALT (FUME)]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Calcium carbonate 471-34-1 [MARBLE (CALCIUM CARBONATE),		10	Time Weighted Average (TWA):		KW OEL

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TOTAL]					
Calcium carbonate 471-34-1 [MARBLE (CALCIUM CARBONATE), INHALED]		5	Time Weighted Average (TWA):		KW OEL
Calcium carbonate 471-34-1 [MARBLE (CALCIUM CARBONATE), INHALED]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Calcium carbonate 471-34-1 [MARBLE (CALCIUM CARBONATE), TOTAL]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Calcium carbonate 471-34-1 [PARTICULATES, TOTAL]		15	Time Weighted Average (TWA):		KW OEL
Calcium carbonate 471-34-1 [PARTICULATES, TOTAL]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Calcium carbonate 471-34-1 [PARTICULATES, INHALED]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Calcium carbonate 471-34-1 [PARTICULATES, INHALED]		5	Time Weighted Average (TWA):		KW OEL
Polyethylene 9002-88-4 [PARTICULATES, INHALED]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Polyethylene 9002-88-4 [PARTICULATES, TOTAL]		15	Time Weighted Average (TWA):		KW OEL
Polyethylene 9002-88-4 [PARTICULATES, TOTAL]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Polyethylene 9002-88-4 [PARTICULATES, INHALED]		5	Time Weighted Average (TWA):		KW OEL

Occupational Exposure Limits

Valid for
Israel

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4 [Asphalt (Bitumen) fume, as benzene- soluble aerosol, inhalable fraction]		0,5	Time Weighted Average (TWA):		IL OEL
Polyethylene 9002-88-4 [Particles (insoluble or poorly soluble) not otherwise specified, respirable particles]		3	Time Weighted Average (TWA):		IL OEL
Polyethylene 9002-88-4 [Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles]		10	Time Weighted Average (TWA):		IL OEL

Occupational Exposure Limits

Valid for
Kenya

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4		5	Time-weighted average (TWA) OEL-RL:		KE OEL-RL

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[ASPHALT, PETROLEUM FUMES]				
Asphalt 8052-42-4 [ASPHALT, PETROLEUM FUMES]		10	Short-term OEL-RL:	KE OEL-RL
Calcium carbonate 471-34-1 [MARBLE RESPIRABLE DUST CALCIUM CARBONATE RESPIRABLE DUST LIMESTONE RESPIRABLE DUST]		5	Time-weighted average (TWA) OEL-RL:	KE OEL-RL
Calcium carbonate 471-34-1 [MARBLE TOTAL INHALABLE DUST LIMESTONE TOTAL INHALABLE DUST CALCIUM CARBONATE TOTAL INHALABLE DUST]		10	Time-weighted average (TWA) OEL-RL:	KE OEL-RL

Biological Exposure Indices:

None

8.2. Exposure controls:

Respiratory protection:

Not needed.

Hand protection:

Not needed.

Eye protection:

Not needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Roll solid dark
Odor	typical
Odour threshold	No data available / Not applicable
pH	No data available / Not applicable
Initial boiling point	> 300 °C (> 572 °F)
Flash point	Not applicable
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density (25 °C (77 °F))	1,12 - 1,14 g/cm ³
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative)	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Melting point	> 125 °C (> 257 °F)
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Oxidising properties	No data available / Not applicable

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9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Reaction with acids: production of heat and carbon dioxide.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

None if used for intended purpose.

10.5. Incompatible materials

See section reactivity.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

Acute oral toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Asphalt 8052-42-4	LD50	> 5.000 mg/kg	oral		rat	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)

Acute inhalative toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Asphalt 8052-42-4	LC50		dust/mist	4,5 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

Acute dermal toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Asphalt 8052-42-4	LD50	> 2.000 mg/kg	dermal		rabbit	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Asphalt 8052-42-4	not irritating	24 h	rabbit	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

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Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Asphalt 8052-42-4	not irritating		rabbit	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Asphalt 8052-42-4	not sensitising	Buehler test	guinea pig	equivalent or similar to OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Asphalt 8052-42-4	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
	negative	in vitro mammalian chromosome aberration test	with and without		equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
	positive	mammalian cell gene mutation assay	with and without		equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Asphalt 8052-42-4	negative	inhalation		rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
	negative	inhalation		mouse	not specified
	negative	inhalation		rat	not specified

Carcinogenicity:

Hazardous components CAS-No.	Result	Species	Sex	Exposure time Frequency of treatment	Route of application	Method
Asphalt 8052-42-4	not carcinogenic	mouse	male	104 w daily	dermal	equivalent or similar OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicity:

Hazardous substances CAS-No.	Result / Classification	Species	Exposure time	Species	Method
Asphalt 8052-42-4	NOAEL F1 = 1.000 mg/kg	two- generation study oral: gavage		rat	OECD Guideline 416 (Two- Generation Reproduction Toxicity Study)

Repeated dose toxicity

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Asphalt 8052-42-4	NOAEL=>= 2.000 mg/kg	dermal	28 d6 h/d, 3 d/w	rabbit	equivalent or similar to OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

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SECTION 12: Ecological information

General ecological information:

Do not empty into drains, soil or bodies of water.

12.1. Toxicity

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Asphalt 8052-42-4	LC50	> 1.000 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Asphalt 8052-42-4	EC50	> 1.000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Asphalt 8052-42-4	EC50	> 1.000 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
	NOEC	> 1.000 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Asphalt 8052-42-4	NOEC	> 1.000 mg/l	chronic Daphnia	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

12.2. Persistence and degradability

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Asphalt 8052-42-4	not readily biodegradable.	aerobic	0 %	OECD 301 A - F

12.3. Bioaccumulative potential / 12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Hazardous components CAS-No.	PBT/vPvB
Asphalt 8052-42-4	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

080499

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SECTION 14: Transport information

14.1. UN number or ID number

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.2. UN proper shipping name

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.3. Transport hazard class(es)

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.4. Packing group

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the article

No information available:

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009):	Not applicable
Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):	Not applicable
Persistent organic pollutants (Regulation (EU) 2019/1021):	Not applicable

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Further information:

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