SAFETY DATA SHEET



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation

Gap Pad 2202SF

of the mixture

Registration number

Synonyms None.

Issue date 29-May-2013

Version number 02

Revision date22-September-2015Supersedes date22-September-2015

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Thermally Conductive Non-Silicone Pad.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier The Bergquist Company
Address: 18930 West 78th Street

Chanhassen, MN, 55317

Non-Emergency calls: 1-800-347-4572

Contact person: AEHMSDS@henkel.com

1.4. Emergency telephone

number

Chemical Emergency
Call CHEMTREC Day or

Night

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-527-3887 (Collect Calls Accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary

Not classified for health hazards. However, occupational exposure to the mixture or substance(s)

may cause adverse health effects.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.

Signal word Not applicable.

Hazard statements Not applicable.

Precautionary statements

Prevention Observe good industrial hygiene practices.

Response Wash thoroughly after handling.

Storage Store away from incompatible materials.

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

Supplemental label information This product is not hazardous according to Regulation (EC) No 1272/2008 as amended, therefore

a hazard label does not apply.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

The components are not hazardous or are below required disclosure limits.

SECTION 4: First aid measures

General information Get medical attention if any discomfort develops.

4.1. Description of first aid measures

Inhalation Move to fresh air. Get medical attention if symptoms occur.

Wash skin with soap and water. Get medical attention if irritation persists after washing. Skin contact

Flush thoroughly with water. If irritation occurs, get medical assistance. Eye contact Rinse mouth thoroughly. Get medical attention if any discomfort occurs. Ingestion

4.2. Most important symptoms and effects, both acute and

delayed

Under normal conditions of intended use, this material does not pose a risk to health.

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

SECTION 5: Firefighting measures

General fire hazards This product is not flammable.

5.1. Extinguishing media

Suitable extinguishing

media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing

media

None known.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in

the workplace.

Special fire fighting

procedures

Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Avoid contact with skin and eyes. For personal protection, see section 8 of the SDS.

For emergency responders Keep unnecessary personnel away.

6.2. Environmental precautions Environmental manager must be informed of all major spillages.

6.3. Methods and material for containment and cleaning up Sweep up or gather material and place in appropriate container for disposal. For waste disposal,

see section 13 of the SDS.

6.4. Reference to other

sections

For personal protection, see Section 8 of the SDS. For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe

handling

Provide adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Observe good industrial hygiene practices. Wear appropriate personal protective equipment (See Section

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container in a dry place. Store away from incompatible materials.

7.3. Specific end use(s) Thermally Conductive and Electrical Insulating Silicone Pad.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria, MAK List

Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	MAK	5 mg/m3	Respirable fraction.
		5 mg/m3	Respirable fume.
		10 mg/m3	Inhalable fraction.

Gap Pad 2202SF SDS EU

Austria. MAK List

Components	Туре	Value	Form
	STEL	20 mg/m3	Inhalable fraction.
		10 mg/m3	Respirable fume.
		10 mg/m3	Respirable fraction.
Belgium. Exposure Limit Values			
Components	Туре	Value	Form
Aluminium oxide (CAS	TWA	1 mg/m3	Respirable fraction.
1344-28-1) Carbon black (CAS 1333-86-4)	TWA	3,5 mg/m3	
Bulgaria. OELs. Regulation No 1	3 on protection of workers aga	inst risks of exposure to che	mical agents at work
Components	Type	Value	Form
Aluminium oxide (CAS	TWA	10 mg/m3	Dust.
1344-28-1)		1,5 mg/m3	Respirable fraction.
Croatia. Dangerous Substance E	Exposure Limit Values in the W	,	·
-	-		Form
Components	Туре	Value	
Aluminium oxide (CAS 1344-28-1)	MAC	4 mg/m3	Respirable dust.
,		10 mg/m3	Total dust.
Carbon black (CAS	MAC	3,5 mg/m3	
1333-86-4)	STEL	7 mg/m3	
Cyprus. OELs. Control of factory		-	tion. PI 311/73. as amende
Components	Туре	Value	,
Carbon black (CAS	TWA	3,5 mg/m3	
1333-86-4)	1 **/	0,0 mg/m0	
Czech Republic. OELs. Governn	nent Decree 361		
Components	Туре	Value	Form
Aluminium oxide (CAS	TWA	0,1 mg/m3	Respirable dust.
1344-28-1) Carbon black (CAS	TWA	2 mg/m3	Dust.
1333-86-4)		ŭ	
Denmark. Exposure Limit Values	3		
Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	TLV	5 mg/m3	Total
		2 mg/m3	Respirable.
Carbon black (CAS 1333-86-4)	TLV	3,5 mg/m3	
Estonia. OELs. Occupational Ex 2001)	posure Limits of Hazardous Su	bstances. (Annex of Regulati	on No. 293 of 18 Septembe
Components	Туре	Value	Form
Aluminium oxide (CAS	TWA	4 mg/m3	Respirable dust.
1344-28-1)		10 mg/m3	Total dust.
Finland. Workplace Exposure Li	mits	TO Mg/Mo	i otai uust.
Components	Туре	Value	
Carbon black (CAS	STEL	7 mg/m3	
1333-86-4)	OILL	•	
,		3,5 mg/m3	

<u>-</u>	Туре	Value	
lluminium oxide (CAS 344-28-1)	VME	10 mg/m3	
Carbon black (CAS 333-86-4)	VME	3,5 mg/m3	
Germany. DFG MAK List (advisory n the Work Area (DFG)	OELs). Commission for the	Investigation of Health Hazard	s of Chemical Compound
Components	Туре	Value	Form
Aluminium oxide (CAS 344-28-1)	TWA	4 mg/m3	Inhalable dust.
,		1,5 mg/m3	Respirable dust.
Germany. TRGS 900, Limit Values		•	-
Components	Туре	Value	Form
Aluminium oxide (CAS 344-28-1)	AGW	10 mg/m3	Inhalable fraction.
2**** OFL - /Daares No. 00/4000	o a a comparado di	1,25 mg/m3	Respirable fraction.
Greece. OELs (Decree No. 90/1999	•		Form
Components	Type	Value	Form
Aluminium oxide (CAS 344-28-1)	TWA	5 mg/m3	Inhalable
2-sh-ss-bl-sl-/242	0.75	10 mg/m3	Respirable.
Carbon black (CAS 333-86-4)	STEL	7 mg/m3	
/	TWA	3,5 mg/m3	
lungary. OELs. Joint Decree on C	hemical Safety of Workplace	s	
Components	Туре	Value	Form
Components		value	
Aluminium oxide (CAS 1344-28-1)	TWA	6 mg/m3	Respirable.
Aluminium oxide (CAS 344-28-1) celand. OELs. Regulation 154/199 Components	TWA	6 mg/m3 limits Value	Respirable.
Aluminium oxide (CAS 344-28-1) celand. OELs. Regulation 154/199 Components Aluminium oxide (CAS	TWA 9 on occupational exposure l	6 mg/m3	Respirable.
Aluminium oxide (CAS 1344-28-1) celand. OELs. Regulation 154/199 Components Aluminium oxide (CAS 1344-28-1) Carbon black (CAS	TWA 9 on occupational exposure I Type	6 mg/m3 limits Value	Respirable.
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Aluminium oxide (CAS 344-28-1) celand. OELs. Regulation 154/199 Components Aluminium oxide (CAS 344-28-1) Carbon black (CAS 333-86-4) reland. Occupational Exposure Li Components Aluminium oxide (CAS 344-28-1) Carbon black (CAS 333-86-4) Carbon black (CAS 344-28-1) Carbon black (CAS 333-86-4)	TWA 9 on occupational exposure I Type TWA TWA TWA mits Type TWA STEL	6 mg/m3 Value 10 mg/m3 3,5 mg/m3 Value 4 mg/m3 10 mg/m3 7 mg/m3	Form Respirable dust.
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Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)

1944-29-1 2 mg/m3 Respira	omponents	Туре	Value	Form
2 mg/m3		TWA	5 mg/m3	Inhalable fraction.
Polycoxy-1.2-ethanedyloxyc arbonyl-1.2-ethanedyloxyc arbonyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2-ethanedyl-1.2) 44 -20-1 <i>)</i>		2 ma/m3	Respirable fraction.
arbonyl-1.4-phenylenecarbo hylly (CAS 25038-59-9) Norway. Administrative Norms for Contaminants in the Workplace Components Type Value Numinium oxide (CAS TLV 10 mg/m3 1344-28-1) 2arbon black (CAS TLV 3,5 mg/m3 1333-86-4) Poland. MACS. Regulation regarding maximum permissible concentrations and intensities of harmful farenvironment, Annex 1 Components Type Value Form 1,2 mg/m3 Respira 1,3 mg/m3 Respira 1,3 mg/m3 Fume. 1,3 mg/m3 Respira 1,4 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira 1,6 mg/m3 Respira 1,7 mg/m3 Respira 1,8 mg/m3 Respira 1,9 mg/m3 Respira 1,9 mg/m3 Respira 1,1 mg/m3 Respira 1,2 mg/m3 Respira 1,3 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira 1,5 mg/m3 Respira 1,1 mg/m3 Respira 1,1 mg/m3 Respira 1,2 mg/m3 Respira 1,3 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira 1,5 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira 1,5 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira 1,5 mg/m3 Respira 1,4 mg/m3 Respira 1,5 mg/m3 Respira	oly(oxy-1,2-ethanediyloxyc	TWA	_	. tophable hadion.
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Aluminium oxide (CAS TLV 3,5 mg/m3 1344-28-1) Carbon black (CAS TLV 3,5 mg/m3 133-86-4) Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful farantivironment, Annex 1 Components Type Value Form Aluminium oxide (CAS TWA 2,5 mg/m3 Inhalab 1344-28-1) Carbon black (CAS TWA 4 mg/m3 Inhalab 1333-86-4) Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796) Components Type Value Form Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 Fume. 1333-86-4) Romania. OELs. Protection of workers from exposure to chemical agents at the workplace Components Type Value Form Aluminium oxide (CAS STEL 5 mg/m3 Aerosol 0,5 ppm A	omponents	Туре	Value	
1344-28-1	<u> </u>	<u> </u>		
1333-86-4 Poland, MACs. Regulation regarding maximum permissible concentrations and intensities of harmful farenvironment, Annex 1 Components Type	344-28-1)		•	
Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful farenvironment, Annex 1 Components Type Value Form Aluminium oxide (CAS TWA 2,5 mg/m3 Inhalab 1,2 mg/m3 Respire 2arbon black (CAS 13344-28-1) Components Type Value Form Aluminium oxide (CAS 1333-86-4) Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796) Components Type Value Form Aluminium oxide (CAS 1334-28-1) Carbon black (CAS TWA 3,5 mg/m3 Fume. Romania. OELs. Protection of workers from exposure to chemical agents at the workplace Components Type Value Form Aluminium oxide (CAS 1344-28-1) TWA 1,2 ppm Aerosol 1,2 ppm Aerosol 1,2 ppm Aerosol 0,5 ppm Aerosol 1,5 mg/m3 Respira 0,1 mg/m3 1,5 mg/m3 Respira 0,1 mg/m3 1333-86-4) Spain. Occupational Exposure Limits Components Type Value Form Aluminium oxide (CAS TWA 10 mg/m3 1,5 mg/m3 Respira 1,2 mg/m3 Respira 1,5 mg/		TLV	3,5 mg/m3	
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1344-28-1)	-			
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Components	333-86-4)		-	
Aluminium oxide (CAS STEL 5 mg/m3 Aerosol 1344-28-1) TWA 2 mg/m3 Aerosol 0,5 ppm Aerosol 0,5	omania. OELs. Protection of worke	rs from exposure to chemic	cal agents at the workplace	
1344-28-1) TWA 1,2 ppm Aerosol 2 mg/m3 Aerosol 0,5 ppm Aerosol 1,5 ppm Aerosol 1,5 mg/m3 Inhalab 1,5 mg/m3 Respiration 1,5 m	•	· · · · · · · · · · · · · · · · · · ·		
TWA 1,2 ppm Aerosol 2 mg/m3 Aerosol 0,5 ppm Ae		STEL	5 mg/m3	Aerosol
Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in wo agents Components Type Value Form Aluminium oxide (CAS TWA 4 mg/m3 Inhalab 1,5 mg/m3 0,1 mg/m3 0,1 mg/m3 Carbon black (CAS TWA 2 mg/m3 Carbon black (CAS TWA 2 mg/m3 Spain. Occupational Exposure Limits Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 13433-86-4) Sweden. Occupational Exposure Limit Values	744-20-1)		1,2 ppm	Aerosol
Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in wo agents Components Type Value Form Aluminium oxide (CAS TWA 4 mg/m3 Inhalab 1,5 mg/m3 Respira 0,1 mg/m3 Carbon black (CAS TWA 2 mg/m3 Carbon black (CAS TWA 2 mg/m3 Spain. Occupational Exposure Limits Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1,344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values		TWA	2 mg/m3	Aerosol
Components Type Value Form Aluminium oxide (CAS 1344-28-1) TWA 4 mg/m3 Inhalab Inhalab Carbon black (CAS 1333-86-4) TWA 2 mg/m3 Respira 0,1 mg/m3 Spain. Occupational Exposure Limits Value Aluminium oxide (CAS 1344-28-1) TWA 10 mg/m3 Carbon black (CAS 1333-86-4) TWA 3,5 mg/m3 Sweden. Occupational Exposure Limit Values			0,5 ppm	Aerosol
Components Type Value Form Aluminium oxide (CAS 1344-28-1) TWA 4 mg/m3 Inhalab 1,5 mg/m3 0,1 mg/m3 Respira 0,1 mg/m3 Carbon black (CAS 1333-86-4) TWA 2 mg/m3 2 mg/m3 2 mg/m3 Spain. Occupational Exposure Limits Type Value Aluminium oxide (CAS 1344-28-1) TWA 10 mg/m3 1344-28-1) Carbon black (CAS 1333-86-4) TWA 3,5 mg/m3 3,5 mg/m3 Sweden. Occupational Exposure Limit Values Sweden. Occupational Exposure Limit Values		nment of the Slovak Republ	lic concerning protection of I	health in work with chen
Aluminium oxide (CAS TWA 4 mg/m3 Inhalab 1,344-28-1) Carbon black (CAS TWA 2 mg/m3 Respira 0,1 mg/m3 2 mg/m3 Carbon black (CAS TWA 2 mg/m3 Spain. Occupational Exposure Limits Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values		-		Fa
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Carbon black (CAS TWA 2 mg/m3 0,1 mg/m3 2 mg/m3 Carbon black (CAS TWA 2 mg/m3 Spain. Occupational Exposure Limits Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values	· ·	IVVA	4 mg/m3	Inhalable fraction.
Carbon black (CAS TWA 2 mg/m3 1333-86-4) Spain. Occupational Exposure Limits Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values	,		1,5 mg/m3	Respirable fraction.
Spain. Occupational Exposure Limits Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values				
Spain. Occupational Exposure Limits Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values		TWA	2 mg/m3	
Components Type Value Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values	,	s		
Aluminium oxide (CAS TWA 10 mg/m3 1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values			Value	
1344-28-1) Carbon black (CAS TWA 3,5 mg/m3 1333-86-4) Sweden. Occupational Exposure Limit Values	•			
1333-86-4) Sweden. Occupational Exposure Limit Values		IVVA	TO MIG/MIS	
Sweden. Occupational Exposure Limit Values		TWA	3,5 mg/m3	
	,	nit Values		
Components Type Value Form	omponents	Туре	Value	Form
Aluminium oxide (CAS TWA 5 mg/m3 Total du	luminium oxide (CAS	<u> </u>		Total dust.
1344-28-1) 2 mg/m3 Respira	344-28-1)		2 malm2	Respirable dust.

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	STEL	24 mg/m3	Fume and respirable dust.
	TWA	3 mg/m3	Respirable dust.
		3 mg/m3	Fume and respirable dust

UK. EH40 Workplace Exposure Limits (WELs)

Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.
Carbon black (CAS 1333-86-4)	STEL	7 mg/m3	
,	TWA	3,5 mg/m3	

No biological exposure limits noted for the ingredient(s). **Biological limit values**

Recommended monitoring

procedures

Follow standard monitoring procedures.

Derived no-effect level (DNEL) Not available.

Predicted no effect concentrations (PNECs) Not available.

Exposure guidelines Follow standard monitoring procedures.

8.2. Exposure controls

Appropriate engineering

controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne

levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment as required. Personal protective equipment should be chosen

according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

Eye/face protection

Skin protection

Risk of contact: Wear approved safety goggles.

Use suitable protective gloves if risk of skin contact. Suitable gloves can be recommended by the - Hand protection

glove supplier.

- Other If prolonged or repeated contact is likely, chemical resistant clothing is recommended.

Respiratory protection In case of inadequate ventilation, use respiratory protection. Wear appropriate thermal protective clothing, when necessary. Thermal hazards

Always observe good personal hygiene measures, such as washing after handling the material Hygiene measures

> and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be

Environmental exposure

controls

Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Solid. Solid. Form Colour Black. Odour Slight.

Odour threshold Not available. Not available. Melting point/freezing point Not available. Initial boiling point and boiling

range

Not applicable.

Flash point Not applicable. Not available. **Evaporation rate** Flammability (solid, gas) Not available.

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Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Flammability limit - upper None.

(%)

Vapour pressure Not available.
Vapour density Not available.

Relative density 2,8

Solubility(ies) Insoluble in water.

Partition coefficient Not relevant.

(n-octanol/water)

Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot applicable.Explosive propertiesNot available.Oxidizing propertiesNot available.

9.2. Other information No relevant additional information available.

None.

SECTION 10: Stability and reactivity

10.1. Reactivity The product is stable and non reactive under normal conditions of use, storage and transport.

10.2. Chemical stability Material is stable under normal conditions.10.3. Possibility of hazardous Hazardous polymerisation does not occur.

reactions

10.4. Conditions to avoidContact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous None.

decomposition products

SECTION 11: Toxicological information

General informationUnder normal conditions of intended use, this material does not pose a risk to health.

Information on likely routes of exposure

Inhalation Elevated temperatures or mechanical action may form dust and fumes which may be irritating to

the mucous membranes and respiratory tract.

Skin contact Prolonged skin contact may cause temporary irritation.

Elevated temperatures or mechanical action may form dust and fumes which may be irritating to

the eye.

Ingestion Not likely, due to the form of the product.

Symptoms Under normal conditions of intended use, this material does not pose a risk to health.

11.1. Information on toxicological effects

Acute toxicity Under normal conditions of intended use, this material does not pose a risk to health.

Skin corrosion/irritation Not classified.
Serious eye damage/eye Not classified.

irritation

Respiratory sensitisation Not classified.

Skin sensitisation Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Due to the form of the product, exposure to the potentially carcinogenic components is not

expected.

IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

Reproductive toxicity Not classified.

Specific target organ toxicity - Not classified.

single exposure

Specific target organ toxicity - Not classified.

repeated exposure

Aspiration hazard Not classified.

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Mixture versus substance

information

None known.

Other information None known.

SECTION 12: Ecological information

12.1. Toxicity The product is not classified as environmentally hazardous.

12.2. Persistence and

degradability

No data available.

No data available. 12.3. Bioaccumulative potential

Partition coefficient

Not relevant.

n-octanol/water (log Kow)

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil The product is insoluble in water.

12.5. Results of PBT

and vPvB assessment Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations are based on material as supplied. Disposal must be in accordance Residual waste

with current applicable laws and regulations, and material characteristics at time of disposal.

Contaminated packaging Since emptied containers retain product residue, follow label warnings even after container is

emptied.

07 02 17 EU waste code

The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Not applicable.

Dispose of contents/container in accordance with local/regional/national/international regulations. **Disposal methods/information**

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of

MARPOL 73/78 and the IBC

Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

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Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances

Directive 94/33/EC on the protection of young people at work

Not listed.

Other regulations This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008

as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No

1907/2006.

National regulations

Follow national regulation for work with chemical agents.

15.2. Chemical safety

No Chemical Safety Assessment has been carried out.

assessment

SECTION 16: Other information

List of abbreviations

DNEL: Derived No-Effect Level.

PNEC: Predicted No-Effect Concentration. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent and very Bioaccumulative.

ESIS (European chemical Substances Information System) References

Registry of Toxic Effects of Chemical Substances (RTECS)

HSDB® - Hazardous Substances Data Bank

Information on evaluation method leading to the classification of mixture

The mixture is classified based on test data for physical hazards. The classification for health and

environmental hazards is derived by a combination of calculation methods and test data, if

available. For details, refer to Sections 9, 11 and 12.

Full text of any H-statements not written out in full under

Sections 2 to 15

None

Training information

Follow training instructions when handling this material.

Disclaimer

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