according to Regulation (EC) No 1907/2006

according to Regulation (EC) No 1907/2006			
	Peek Pas	te	
Revision date: 02.08.2023	Product code: 40	010000	Page 1 of 11
SECTION 1: Identification of t	he substance/mixture and of the co	ompany/undertaking	
<u>1.1. Product identifier</u> Peek Paste			
Further trade names PEEK 100g Metalltube, 1kg	) Blechdose		
1.2. Relevant identified uses of the	e substance or mixture and uses advise	ed against	
Use of the substance/mixture			
Polishing agent			
Uses advised against			
Any non-intended use.			
1.3. Details of the supplier of the	<u>safety data sheet</u> Nohtec GmbH		
Company name: Street:	Höhenweg 9		
Place:	D-53937 Schleiden		
Telephone:	+49 (0) 2445 852432	Telefax: +49 (0) 2445 852433	
Internet:	www.zyrobond.com		
1.4. Emergency telephone number:	Poison Information Center (GGIZ	: Erfurt): +49-361-730730	
Further Information Safety Data Sheet accordin	g to Regulation (EC) No. 1907/2006 (ar	nended by Regulation (EU) No 2020/878)	
SECTION 2: Hazards identifica	tion		
2.1. Classification of the substance	e or mixture		
Regulation (EC) No 1272/2008	<u> </u>		
STOT SE 3; H336			
Full text of hazard statemer	its: see SECTION 16.		
2.2. Label elements			
Regulation (EC) No 1272/2008			
Hazard components for labelling	<b>ng</b> alkane, iso-alkane, cyclic compounds, a	romatics $(< 2\%)$	
Signal word: War			
0			
Pictograms:	$\mathbf{A}$		
	•		
	V		

## Hazard statements

H336

May cause drowsiness or dizziness.

### **Precautionary statements**

• •	·····	-
	P101	If medical advice is needed, have product container or label at hand.
	P102	Keep out of reach of children.
	P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
	P312	Call a POISON CENTER/doctor if you feel unwell.
	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P501	Dispose of contents/container to local/regional/national/international regulations.

### according to Regulation (EC) No 1907/2006

	Peek Paste	
Revision date: 02.08.2023	Product code: 40010000	Page 2 of 11

### Special labelling of certain mixtures

Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

EUH066

The substances in the mixture (> 0.1%) do not meet the PBT/vPvB criteria according to REACH, annex XIII. This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to humans as no components meets the criteria. This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity	
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No 1272/2008)				
	Hydrocarbons, C9-C11,	n-alkane, iso-alkane, cyclic compo	unds, aromatics (< 2 %)	30 - < 35 %	
	919-857-5		01-2119463258-33		
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066				
1336-21-6	Ammonia			0,1 - < 1 %	
	215-647-6	007-001-01-2			
	Skin Corr. 1B, Aquatic Acute 1; H314 H400				

Full text of H and EUH statements: see section 16.

Specific Con	c. Limits, M-fact	tors and ATE	
CAS No	EC No	Chemical name	Quantity
	Specific Conc. I	Limits, M-factors and ATE	
	919-857-5	Hydrocarbons, C9-C11, n-alkane, iso-alkane, cyclic compounds, aromatics (< 2 %)	30 - < 35 %
	oral: LD50 = >5000 mg/kg		
1336-21-6	215-647-6	Ammonia	0,1 - < 1 %
	inhalation: LC5	0 = (1,4) mg/l (vapours); oral: LD50 = (350) mg/kg STOT SE 3; H335: >= 5 - 100	

#### **Further Information**

Product does not contain listed SVHC substances > 0.1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

### SECTION 4: First aid measures

### 4.1. Description of first aid measures

### **General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

### After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

### After contact with eyes

Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

### After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting.

according to Regulation (EC) No 1907/2006
Peek Paste
Revision date: 02.08.2023     Product code: 40010000     Page 3 of 11
In all cases of doubt, or when symptoms persist, seek medical advice.
<u>4.2. Most important symptoms and effects, both acute and delayed</u> See sections 2 and 11
4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.
SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media Carbon dioxide (CO2). Dry extinguishing powder. Alcohol resistant foam. Water fog.
Unsuitable extinguishing media High power water jet.
5.2. Special hazards arising from the substance or mixture Can be released in case of fire: Carbon dioxide (CO2). Carbon monoxide (CO). Nitrogen oxides (NOx). Poisonous gases/vapours
5.3. <u>Advice for firefighters</u> In case of fire: Wear self-contained breathing apparatus.
Additional information Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.
SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
General advice
Avoid dust formation.
Do not breathe dust.
For non-emergency personnel Wear personal protection equipment (refer to section 8).
For emergency responders
No special measures are necessary.
<u>6.2. Environmental precautions</u> Discharge into the environment must be avoided.
6.3. Methods and material for containment and cleaning up
For containment
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.
For cleaning up
Clean contaminated objects and areas thoroughly observing environmental regulations.
<u>6.4. Reference to other sections</u> Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13
SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

## Advice on safe handling

Wear personal protection equipment (refer to section 8).

according to Regulation (EC) No 1907/2006

	Peek Paste	
Revision date: 02.08.2023	Product code: 40010000	Page 4 of 11
Advice on protection against fire and Usual measures for fire prevention.	<b>explosion</b> Dust clouds may present an explosion hazard.	
Advice on general occupational hygie Always close containers tightly afte hands before breaks and after work	r the removal of product. When using do not eat, drink or sm	noke. Wash
<b>Further information on handling</b> Avoid generation of dust. General protection and hygiene me	easures: refer to chapter 8	
7.2. Conditions for safe storage, includi	ing any incompatibilities	
<b>Requirements for storage rooms and</b> Keep container tightly closed in a co		
Hints on joint storage Do not store together with: Explosiv substances. Food and animal feedi	ves. Oxidizing solids. Oxidizing liquids. Radioactive substanc ingstuff.	ces. Infectious
Further information on storage condit Keep the packing dry and well seale Recommended storage temperatur Protect against: frost. UV-radiation/	ed to prevent contamination and absorbtion of humidity. re: 20 °C	
7.3. Specific end use(s)		
See section 1.		

## 8.1. Control parameters

### Occupational exposure limits

CAS No	Substance	ppm	mg/m³	fib/cm <sup>3</sup>	Category	Origin
-	Dusts non-specific, respirable	-	4		TWA (8 h)	
-	Dusts non-specific, total inhalable	-	10		TWA (8 h)	
-	Mineral Oil pure, highly & severely refined (Inhalable)	-	5		TWA (8 h)	

### **DNEL/DMEL** values

CAS No	Substance				
DNEL type		Exposure route	Effect	Value	
	Hydrocarbons, C9-C11, n-alkane, iso-alkane, cyclic compo	unds, aromatics (< 2 %)	)		
Worker DNEL	Worker DNEL, long-term inhalation systemic 1500 mg/m³				
Worker DNEL	., long-term	dermal	systemic	300 mg/kg bw/day	
Consumer DN	NEL, long-term	inhalation	systemic	900 mg/m <sup>3</sup>	
Consumer DN	NEL, long-term	oral	systemic	300 mg/kg bw/day	
Consumer DN	NEL, long-term	dermal	systemic	300 mg/kg bw/day	

## 8.2. Exposure controls

### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Dust must be exhausted directly at the point of origin.

### Individual protection measures, such as personal protective equipment

according to Regulation (EC) No 1907/2006

**Peek Paste** 

Revision date: 02.08.2023

Product code: 40010000

Page 5 of 11

## Eye/face protection

Dust protection goggles.

## Hand protection

Wear suitable gloves. Suitable material: FKM (fluororubber). - Thickness of glove material: 0,4 mm Breakthrough time >= 8 h Butyl rubber. - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm Breakthrough time >= 8 h PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it. Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

### Skin protection

Suitable protective clothing: Lab apron.

### **Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

-Exceeding exposure limit values

-Generation/formation of dust

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

### Thermal hazards

Material handled at elevated temperature may cause thermal burns by contact with molten product.

### Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state:	solid, Paste
Colour:	white
Odour:	Ammonia like
Odour threshold:	not determined
Melting point/freezing point:	
Boiling point or initial boiling po	oint and
boiling range:	
Flammability:	
Lower explosion limits:	
Upper explosion limits:	
Flash point:	
Auto-ignition temperature:	

## according to Regulation (EC) No 1907/2006

	Peek Paste	
Revision date: 02.08.2023	Product code: 40010000	Page 6 of 1
Decomposition temperature:	not determined	
pH-Value:	not determined	
Viscosity / kinematic:	7500 mm²/s	
Water solubility:	insoluble	
Solubility in other solvents		
not determined		
Dissolution rate:	not relevant	
Partition coefficient n-octanol/water:	SECTION 12: Ecological information	
Dispersion stability:	not relevant	
Vapour pressure:	not determined	
Density:	1,2 g/cm³	
Bulk density:	not determined	
Relative vapour density:	not relevant	
Particle characteristics:	not determined	
9.2. Other information		
Information with regard to physical hazard classes	5	
Explosive properties		
Dust clouds may present an explosion hazard.		
Sustaining combustion:	Not sustaining combustion	
Self-ignition temperature		
Solid:	not determined	
Oxidizing properties		
none		
Other safety characteristics		
Evaporation rate:	not determined	
Solvent separation test:	not determined	
Solvent content:	not determined	
Solid content:	not determined	
Sublimation point:	not determined	
Softening point: Pour point:	not determined not determined	
Viscosity / dynamic:	not relevant	
Flow time:	not relevant	
Further Information	not relevant	
No information available.		

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No information available.

## 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

## 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. Refer to chapter 10.5.

## 10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

## 10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

according to Regulation (EC) No 1907/2006

Revision date: 02.08.2023

Product code:

Page 7 of 11

### **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Toxicocinetics, metabolism and distribution

No data available.

### Acute toxicity

Based on available data, the classification criteria are not met.

## ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

### CAS No Chemical name

	Exposure route	Dose		Species	Source	Method		
	Hydrocarbons, C9-C11,	Hydrocarbons, C9-C11, n-alkane, iso-alkane, cyclic compounds, aromatics (< 2 %)						
	oral	LD50 mg/kg	>5000	Rat	REACH Dossier	READ ACROSS		
1336-21-6	Ammonia							
	oral	LD50 mg/kg	(350)	Rat.	GESTIS			
	inhalation (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS			

### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

### STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C9-C11, n-alkane, iso-alkane, cyclic compounds, aromatics (< 2 %))

### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

### Aspiration hazard

Based on available data, the classification criteria are not met.

### Specific effects in experiment on an animal

No data available.

### 11.2. Information on other hazards

### Endocrine disrupting properties

This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to humans as no components meets the criteria.

### Other information

No data available.

### **SECTION 12: Ecological information**

### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Hydrocarbons, C9-C11, n-alkane, iso-alkane, cyclic compounds, aromatics (< 2 %)					

### according to Regulation (EC) No 1907/2006

			F	Peek F	Paste		
Revision dat	e: 02.08.2023			Produc	t code:		Page 8 of 11
	Acute fish toxicity	LC50 L >1000 mg/l	L50:	96 H	Oncorhynchus mykiss	REACH Dossier	
	Acute algae toxicity	ErC50 E >1000 mg/l	ELr50:	72 h	Pseudokirchnerella subcapitata	REACH Dossier	
	Acute crustacea toxicity	EC50 E >1000 mg/l	EL50:	48 ŀ	Daphnia magna	REACH Dossier	
1336-21-6	Ammonia						
	Acute fish toxicity	LC50 0 mg/l	,53		Onchorhynchus mykiss		
	Acute crustacea toxicity	EC50 2	24 mg/l	48 h	Daphnia magna		

### 12.2. Persistence and degradability

CAS No	Chemical name					
	Method	Value	d	Source		
	Evaluation					
	Hydrocarbons, C9-C11, n-alkane, iso-alkane, cyclic compounds, aromatics (< 2 %)					
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D 80% 28 REACH Dossier					
	Readily biodegradable (according to OECD criteria).					

### 12.3. Bioaccumulative potential

## Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1336-21-6	Ammonia	-1,38

## 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

### 12.7. Other adverse effects

No data available.

## Further information

Do not allow to enter into surface water or drains.

### **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

### **Disposal recommendations**

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

### List of Wastes Code - residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

		according to Regulation (EC) No 1907/2006					
Peek Paste							
D · · · · · · · · · · · · · · · · · · ·	00.0000		<b>D</b> 0 (44				
Revision date: 02.	.08.2023	Product code:	Page 9 of 11				
List of Wastes	Code - used product						
160305	•	SE SPECIFIED IN THE LIST; off-specification batches and unused					
	products; organic wastes containing hazardous substances; hazardous waste						
List of Wastes	Code - contaminated pack	aging					
150110		SORBENTS, WIPING CLOTHS, FILTER MATERIALS AND					
	PROTECTIVE CLOTHING	NOT OTHERWISE SPECIFIED; packaging (including separately					
		ging waste); packaging containing residues of or contaminated by					
	hazardous substances; ha	zardous waste					
Contaminated	packaging						
Handle cor	ntaminated packages in the s	same way as the substance itself.					
SECTION 14: Tr	ransport information						
Land transport (A							
	ber or ID number:	No dangerous good in sense of this transport regulation.					
	er shipping name:	No dangerous good in sense of this transport regulation.					
	rt hazard class(es):	No dangerous good in sense of this transport regulation.					
14.4. Packing	group:	No dangerous good in sense of this transport regulation.					
Inland waterways	s transport (ADN)						
-	per or ID number:	No dangerous good in sense of this transport regulation.					
<u>14.2. UN prope</u>	er shipping name:	No dangerous good in sense of this transport regulation.					
<u>14.3. Transpor</u>	rt hazard class(es):	No dangerous good in sense of this transport regulation.					
14.4. Packing	group:	No dangerous good in sense of this transport regulation.					
Marine transport	(IMDG)						
	ber or ID number:	No dangerous good in sense of this transport regulation.					
	er shipping name:	No dangerous good in sense of this transport regulation.					
	rt hazard class(es):	No dangerous good in sense of this transport regulation.					
<u>14.4. Packing</u>		No dangerous good in sense of this transport regulation.					
Air transport (ICA	-						
	per or ID number:	No dangerous good in sense of this transport regulation.					
	er shipping name:	No dangerous good in sense of this transport regulation.					
14.3. Transport	rt hazard class(es):	No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation.					
14.5. Environmen							
ENVIRONMEN	NTALLY HAZARDOUS:	No					
14.6. Special pre refer to cha	cautions for user						
	insport in bulk according to	IMO instruments					
not relevar	nt						
SECTION 15: R	egulatory information						
15.1. Safety, healt	th and environmental regula	tions/legislation specific for the substance or mixture					
EU regulatory							
	use (REACH, annex XVII):						
Entry 40, E	. ,						
2010/75/EU (V	-	No information available.					
	,						
2004/42/EC (V		No information available.					
	cording to 2012/18/EU	Not subject to 2012/18/EU (SEVESO III)					
(SEVESO III):							
A .1 .1 .1							

## Additional information

## according to Regulation (EC) No 1907/2006

	Peek Paste	
Revision date: 02.08.2023	Product code:	Page 10 of 11
	ation (EC) No. 1907/2006 (amended by according to regulation (EC) No 1272/ (mixture): -	
National regulatory information		
Employment restrictions:	Observe restrictions to employment work protection guideline' (94/33/EC	for juveniles according to the 'juvenile ).
Water hazard class (D):	2 - obviously hazardous to water	
15.2. Chemical safety assessment		
	xture a chemical safety assessment ha alkane, cyclic compounds, aromatics (<	
SECTION 16: Other information		
Changes		
Rev. 1,00; Initial release 27.08.2019		
Rev. 2.00; 05.01.2021; Changes in ch	apter: 1, 12, 16	
Rev. 3.00; 02.08.2023; Changes in ch		
Abbreviations and acronyms		
	t des marchandises dangereuses par R	toute (European Agreement
concerning the International Carriage	of Dangerous Goods by Road)	
CAS: Chemical Abstracts Service		
CLP: Classification, Labelling and Pac	kaging of substances and mixtures	
DNEL: Derived No Effect Level		
d: day(s) EINECS: European INventory of Existi	ng Commercial chemical Substances	
ELINCS: European List of Notified Ch		
ECHA: European Chemicals Agency		
EWC: European Waste Catalogue		
IARC: INTERNATIONAL AGENCY FC	R RESEARCH ON CANCER	
IMDG: International Maritime Code for	Dangerous Goods	
IATA: International Air Transport Asso		
IATA-DGR: Dangerous Goods Regula	tions by the "International Air Transport	Association" (IATA)
ICAO: International Civil Aviation Orga		
-	"International Civil Aviation Organization	
	Classification and Labelling of Chemica	
	dinance on Hazardous Substances, Ge	rmany)
h: hour		
LOAEL: Lowest observed adverse effe LOAEC: Lowest observed adverse effe		
LC50: Lethal concentration, 50 percen		
LD50: Lethal dose, 50 percent		
NOAEL: No observed adverse effect le	evel	
NOAEC: No observed adverse effect of	oncentration	
NLP: No-Longer Polymers		
N/A: not applicable		
OECD: Organisation for Economic Co-		
PNEC: predicted no effect concentrati	on	
PBT: Persistent bioaccumulative toxic		
	ational Transport of Dangerous Goods	ру каш
REACH: Registration, Evaluation, Aut		
SVHC: substance of very high concerr TRGS: Technische Regeln für Gefahrs		
UN: United Nations		
VOC: Volatile Organic Compounds		

according to Regulation (EC) No 1907/2006

	Peek Paste				
Revision date: 02.08.202	3 Product code:	Page 11 of 1			
WGK: Water Haz	ard Class (Germany)				
Classification for mixtu	res and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]				
Classification	Classification procedure				
STOT SE 3; H336	Calculation method				
Relevant H and EUH	I statements (number and full text)				
H226	Flammable liquid and vapour.				
H304	May be fatal if swallowed and enters airways.				
H314	Causes severe skin burns and eye damage.				
H336	May cause drowsiness or dizziness.				
H400	Very toxic to aquatic life.				
EUH066	Repeated exposure may cause skin dryness or cracking.				
Further Information					
The above inform	ation describes exclusively the safety requirements of the product and is based on our				
present-day know	ledge. The information is intended to give you advice about the safe handling of the product				
named in this safe	ety data sheet, for storage, processing, transport and disposal. The information cannot be				
transferred to othe	er products. In the case of mixing the product with other products or in the case of				
·	formation on this safety data sheet is not necessarily valid for the new made-up material.				