

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name or designation of the mixture** Phillymastic TG-7B Liquid Resin

**Registration number** -

**Synonyms** None.

**SKU#** DM030R

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

**Identified uses** Not available.

**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

**Company Name** ITW Performance Polymers

**Address**  
Bay 150  
Shannon Industrial Estate  
Co. Clare  
Ireland  
V14 DF82

**Contact Person** Customer Service

**Telephone Number**  
353(61)771500  
353(61)471285

**Email** customerservice.shannon@itwpp.com

**Emergency Phone Number** 44(0) 1235 239 670 (24 hours)

### 1.4. Emergency telephone number

**General in EU** 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Austria National Poisons Information Center** +431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Belgium National Poisons Control Center** 070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Bulgaria National Toxicological Information Center** +359 2 9154 233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Croatia Poisons Information Center** +385 1 2348 342 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

**Cyprus Poison Center** 1401 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Czech Republic National Poisons Information Center** +420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

**Denmark National Poisons Control Center** +45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Estonia National Poisons Information Center** 16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)

**Finland National Poison Information Center** (09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**France National Poisons Control Center** ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

#### 1.4. Emergency telephone number

<b>Greece Poison Information Centre</b>	(0030) 2107793777 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Hungary National Emergency Phone Number</b>	+36-80-201-199 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Iceland Poison Center</b>	(+354) 543 2222 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Latvia Emergency medical aid</b>	113
<b>Latvia Poison and Drug Information Center</b>	+371 67042473 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Lithuania Neatidëliotina informacija apsinuodijus</b>	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
<b>Malta Accident and Emergency Department</b>	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
<b>Netherlands National Poisons Information Center (NVIC)</b>	NVIC: +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)
<b>Norway Norwegian Poison Information Center</b>	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Portugal Poison Center</b>	800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Romania Biroul RSI si Informare Toxicologica</b>	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
<b>Slovakia National Toxicological Information Center</b>	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Spain Toxicology Information Service</b>	+ 34 91 562 04 20 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Sweden National Poison Information Center</b>	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Switzerland Tox Info Suisse</b>	145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

## 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

##### Health hazards

Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction.

### 2.2. Label elements

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

### UFI:

Austria: 1S25-A14H-S00K-P8MD  
Belgium: 1S25-A14H-S00K-P8MD  
Bulgaria: 1S25-A14H-S00K-P8MD  
Croatia: 1S25-A14H-S00K-P8MD  
Cyprus: 1S25-A14H-S00K-P8MD  
Czech Republic: 1S25-A14H-S00K-P8MD  
Denmark: 1S25-A14H-S00K-P8MD  
Estonia: 1S25-A14H-S00K-P8MD  
EU: 1S25-A14H-S00K-P8MD  
Finland: 1S25-A14H-S00K-P8MD  
France: 1S25-A14H-S00K-P8MD  
Germany: 1S25-A14H-S00K-P8MD  
Greece: 1S25-A14H-S00K-P8MD  
Hungary: 1S25-A14H-S00K-P8MD  
Iceland: 1S25-A14H-S00K-P8MD  
Ireland: 1S25-A14H-S00K-P8MD  
Italy: 1S25-A14H-S00K-P8MD  
Latvia: 1S25-A14H-S00K-P8MD  
Lithuania: 1S25-A14H-S00K-P8MD  
Luxembourg: 1S25-A14H-S00K-P8MD  
Malta: 1S25-A14H-S00K-P8MD  
Netherlands: 1S25-A14H-S00K-P8MD  
Norway: 1S25-A14H-S00K-P8MD  
Poland: 1S25-A14H-S00K-P8MD  
Portugal: 1S25-A14H-S00K-P8MD  
Romania: 1S25-A14H-S00K-P8MD  
Slovakia: 1S25-A14H-S00K-P8MD  
Slovenia: 1S25-A14H-S00K-P8MD  
Spain: 1S25-A14H-S00K-P8MD  
Sweden: 1S25-A14H-S00K-P8MD

### Contains:

Alumina Trihydrate, Aluminium Oxide, Epoxy Resin, Glass, Oxide

### Hazard pictograms



### Signal word

Warning

### Hazard statements

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

### Precautionary statements

#### Prevention

P261 Avoid breathing mist/vapors.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear eye protection/face protection.  
P280 Wear protective gloves.

#### Response

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

#### Storage

Not available.

#### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### Supplemental label information

81,75% of the mixture consists of component(s) of unknown acute inhalation toxicity. 99,9% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 99,9% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

### 2.3. Other hazards

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Glass, Oxide	30 - < 40	65997-17-3 266-046-0	-	650-016-00-2	#
<b>Classification:</b> Carc. 2;H351					
Epoxy Resin	20 - < 30	25085-99-8	01-2119456619-26-0000	-	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317					
Alumina Trihydrate	10 - < 20	21645-51-2 244-492-7	-	-	
<b>Classification:</b> -					
Aluminium Oxide	5 - < 10	1344-28-1 215-691-6	-	-	
<b>Classification:</b> -					
Quartz	5 - < 10	14808-60-7 238-878-4	-	-	#
<b>Classification:</b> Carc. 1A;H350					
Other components below reportable levels	5 - < 10				

#### List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## SECTION 4: First aid measures

#### General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

#### 4.1. Description of first aid measures

##### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

##### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

##### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

##### Ingestion

Rinse mouth. Get medical attention if symptoms occur.

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

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

#### General fire hazards

No unusual fire or explosion hazards noted.

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

##### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed.

#### 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.

##### 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 breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

**For emergency responders** Keep unnecessary personnel away. Ensure adequate ventilation. Avoid breathing mist/vapors. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up**

Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**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**

Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)**

Observe industrial sector guidance on best practices.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits****Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001, as amended**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	MAK	5 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Inhalable fraction.
	STEL	20 mg/m <sup>3</sup>	Inhalable fraction.
		10 mg/m <sup>3</sup>	Respirable fraction.
Aluminium Oxide (CAS 1344-28-1)	MAK	5 mg/m <sup>3</sup>	Respirable fume.
		5 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Inhalable fraction.
	STEL	20 mg/m <sup>3</sup>	Inhalable fraction.
		10 mg/m <sup>3</sup>	Respirable fume.
		10 mg/m <sup>3</sup>	Respirable fraction.
Quartz (CAS 14808-60-7)	MAK	0,05 mg/m <sup>3</sup>	Respirable dust.

**Austria. OELs. TRK List, Grenzwertverordnung, BGBl. II, no. 429/2011, as amended**

Components	Type	Value	Form
Glass, Oxide (CAS 65997-17-3)	TWA	300000 fibers/m <sup>3</sup>	Fiber.

**Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Inhalable fraction.

**Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	1 mg/m <sup>3</sup>	Respirable fraction.
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable dust.

**Bulgaria. OEL values of carcinogens and mutagens at work (Reg. 10/2003 on prot. from carcinogens and mutagens at work, Ann. 1), as amended**

Components	Type	Value	Form
Glass, Oxide (CAS 65997-17-3)	TWA	0,3 fibers/cm <sup>3</sup>	Fiber.
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable fraction and dust

**Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	10 mg/m <sup>3</sup>	Inhalable fraction.
		1,5 mg/m <sup>3</sup>	Respirable fraction.

**Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	MAC	4 mg/m <sup>3</sup>	Respirable dust.
		10 mg/m <sup>3</sup>	Total dust.
Glass, Oxide (CAS 65997-17-3)	MAC	0,3 fibers/cm <sup>3</sup>	
Quartz (CAS 14808-60-7)	MAC	0,1 mg/m <sup>3</sup>	

**Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended**

Components	Type	Value	Form
Glass, Oxide (CAS 65997-17-3)	TWA	10 mg/m <sup>3</sup>	Fiber or dust.

**Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	0,1 mg/m <sup>3</sup>	Respirable dust.
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable dust.

**Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TLV	5 mg/m <sup>3</sup>	Total
		2 mg/m <sup>3</sup>	Respirable.
Glass, Oxide (CAS 65997-17-3)	TLV	0,3 fibers/cm <sup>3</sup>	Fiber.
Quartz (CAS 14808-60-7)	TLV	0,3 mg/m <sup>3</sup>	Total
		0,1 mg/m <sup>3</sup>	Respirable.

**Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	4 mg/m <sup>3</sup>	Fine dust, respiratory fraction
		10 mg/m <sup>3</sup>	Total dust.
Glass, Oxide (CAS 65997-17-3)	TWA	1 fibers/ml	
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Fine dust, respiratory fraction

**Finland. Government Decree on Work-related Cancer Risks**

Components	Type	Value	Form
Glass, Oxide (CAS 65997-17-3)	TWA	0,3 fibers/cm3	Fiber.

**Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health**

Components	Type	Value	Form
Glass, Oxide (CAS 65997-17-3)	TWA	0,3 fibers/cm3	Respirable.
Quartz (CAS 14808-60-7)	TWA	0,05 mg/m3	Respirable.

**France. OELs. Occupational Exposure Limits as Prescribed by Art. R.4412-149 of Labor Code, as amended**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	VME	0,1 mg/m3	Respirable dust.

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	VME	4 mg/m3	Total dust.
<b>Regulatory status:</b> Regulatory binding (VRC)		0,9 mg/m3	Respirable dust.
<b>Regulatory status:</b> Regulatory binding (VRC)			
Aluminium Oxide (CAS 1344-28-1)	VME	10 mg/m3	
<b>Regulatory status:</b> Indicative limit (VL)			
Quartz (CAS 14808-60-7)	VME	0,1 mg/m3	Respirable fraction.
<b>Regulatory status:</b> Regulatory binding (VRC)			

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	4 mg/m3	Inhalable dust.
		1,5 mg/m3	Respirable dust.
Aluminium Oxide (CAS 1344-28-1)	TWA	4 mg/m3	Inhalable dust.
		1,5 mg/m3	Respirable dust.

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	AGW	10 mg/m3	Inhalable fraction.
		1,25 mg/m3	Respirable fraction.
Aluminium Oxide (CAS 1344-28-1)	AGW	10 mg/m3	Inhalable fraction.
		1,25 mg/m3	Respirable fraction.

**Greece. OELs, Presidential Decree No. 307/1986, as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Inhalable

**Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	5 mg/m3	
		2 mg/m3	Respirable.
Glass, Oxide (CAS 65997-17-3)	TWA	1 fibers/cm3	Fibrous dust.
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m3	Respirable dust.

**Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	5 mg/m <sup>3</sup>	Respirable dust.
		10 mg/m <sup>3</sup>	Total dust.
Aluminium Oxide (CAS 1344-28-1)	TWA	10 mg/m <sup>3</sup>	
Glass, Oxide (CAS 65997-17-3)	TWA	1 fibers/cm <sup>3</sup>	Fiber.
Quartz (CAS 14808-60-7)	TWA	0,3 mg/m <sup>3</sup>	Total dust.
		0,1 mg/m <sup>3</sup>	Respirable dust.

**Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	4 mg/m <sup>3</sup>	Respirable dust.
		10 mg/m <sup>3</sup>	Total inhalable dust.
Aluminium Oxide (CAS 1344-28-1)	TWA	4 mg/m <sup>3</sup>	Respirable dust.
		10 mg/m <sup>3</sup>	Total inhalable dust.
Glass, Oxide (CAS 65997-17-3)	TWA	2 fibers/cm <sup>3</sup>	
		5 mg/m <sup>3</sup>	
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable dust.

**Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0,025 mg/m <sup>3</sup>	Respirable fraction.

**Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	6 mg/m <sup>3</sup>	
Aluminium Oxide (CAS 1344-28-1)	TWA	6 mg/m <sup>3</sup>	Decomposition aerosol.
		4 mg/m <sup>3</sup>	
Glass, Oxide (CAS 65997-17-3)	TWA	0,3 fibers/cm <sup>3</sup>	
		2 mg/m <sup>3</sup>	
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable dust.

**Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	6 mg/m <sup>3</sup>	
Glass, Oxide (CAS 65997-17-3)	TWA	1 fibers/cm <sup>3</sup>	Fiber.
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable fraction.

**Luxembourg. Chemical Substances Prohibited at Work (Annex III), G.D.R. of 14 November 2016, OJ Memorial A, n ° 235/2016, as amended**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable dust.

**Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant no. 252, 29 December 2006), as amended**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0,075 mg/m <sup>3</sup>	Respirable dust.



**Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TLV	10 mg/m <sup>3</sup>	
Glass, Oxide (CAS 65997-17-3)	TLV	5 mg/m <sup>3</sup>	Total dust.
Quartz (CAS 14808-60-7)	TLV	0,3 mg/m <sup>3</sup>	Total dust.
		0,05 mg/m <sup>3</sup>	Respirable dust.

**Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	2,5 mg/m <sup>3</sup>	Inhalable fraction.
		1,2 mg/m <sup>3</sup>	Respirable fraction.
Aluminium Oxide (CAS 1344-28-1)	TWA	2,5 mg/m <sup>3</sup>	Inhalable fraction.
		1,2 mg/m <sup>3</sup>	Respirable fraction.
Glass, Oxide (CAS 65997-17-3)	TWA	1 fibers/cm <sup>3</sup>	Respirable fibers.
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable fraction.

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	1 mg/m <sup>3</sup>	Respirable fraction.
Aluminium Oxide (CAS 1344-28-1)	TWA	1 mg/m <sup>3</sup>	Respirable fraction.
Glass, Oxide (CAS 65997-17-3)	TWA	0,2 fibers/cm <sup>3</sup>	Fiber.
		5 mg/m <sup>3</sup>	Inhalable fraction.
Quartz (CAS 14808-60-7)	TWA	0,025 mg/m <sup>3</sup>	Respirable fraction.

**Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	STEL	5 mg/m <sup>3</sup>	Aerosol.
	TWA	2 mg/m <sup>3</sup>	Aerosol.

**Slovakia. OELs for carcinogens and mutagens. Regulation No. 356/2006 on carcinogenic and mutagenic substances, as amended**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable fraction.

**Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	4 mg/m <sup>3</sup>	Inhalable fraction.
		1,5 mg/m <sup>3</sup>	Respirable fraction.
Aluminium Oxide (CAS 1344-28-1)	TWA	4 mg/m <sup>3</sup>	Inhalable fraction.
		0,1 mg/m <sup>3</sup>	Respirable fraction.
Glass, Oxide (CAS 65997-17-3)	TWA	2 fibers/cm <sup>3</sup>	

**Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	10 mg/m <sup>3</sup>	Inhalable fraction.
		1,25 mg/m <sup>3</sup>	Respirable fraction.

**Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	10 mg/m <sup>3</sup>	Inhalable fraction.
		1,25 mg/m <sup>3</sup>	Respirable fraction.

**Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	10 mg/m <sup>3</sup>	
Glass, Oxide (CAS 65997-17-3)	TWA	0,3 fibers/cm <sup>3</sup>	Fiber.
Quartz (CAS 14808-60-7)	TWA	0,05 mg/m <sup>3</sup>	Respirable fraction.

**Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended**

Components	Type	Value	Form
Aluminium Oxide (CAS 1344-28-1)	TWA	5 mg/m <sup>3</sup>	Total dust.
		2 mg/m <sup>3</sup>	Respirable dust.
Glass, Oxide (CAS 65997-17-3)	TWA	1 fibers/ml	
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable dust.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.
Aluminium Oxide (CAS 1344-28-1)	TWA	24 mg/m <sup>3</sup>	Respirable dust and/or fume.
		3 mg/m <sup>3</sup>	Respirable dust and/or fume.
		3 mg/m <sup>3</sup>	Respirable dust.
Quartz (CAS 14808-60-7)	TWA	0,15 mg/m <sup>3</sup>	Respirable fraction.

**UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1**

Components	Type	Value	Form
Alumina Trihydrate (CAS 21645-51-2)	TWA	4 mg/m <sup>3</sup>	Respirable dust.
		10 mg/m <sup>3</sup>	Inhalable dust.
Aluminium Oxide (CAS 1344-28-1)	TWA	4 mg/m <sup>3</sup>	Respirable dust.
		10 mg/m <sup>3</sup>	Inhalable dust.
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable.

**EU. OELs, Directive 2004/37/EC on carcinogen and mutagens from Annex III, Part A, as amended**

Components	Type	Value	Form
Glass, Oxide (CAS 65997-17-3)	TWA	0,3 fibers/ml	
Quartz (CAS 14808-60-7)	TWA	0,1 mg/m <sup>3</sup>	Respirable fraction and dust

**Biological limit values**

**Hungary. BELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 3&4, as amended**

Components	Value	Determinant	Specimen	Sampling Time
Alumina Trihydrate (CAS 21645-51-2)	0,25 µmol/mmol	Aluminum	Creatinine in urine	*
	0,06 mg/g	Aluminum	Creatinine in urine	*
Aluminium Oxide (CAS 1344-28-1)	0,25 µmol/mmol	Aluminum	Creatinine in urine	*

**Hungary. BELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 3&4, as amended**

Components	Value	Determinant	Specimen	Sampling Time
	0,06 mg/g	Aluminum	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle BAT-Werte**

Components	Value	Determinant	Specimen	Sampling Time
Alumina Trihydrate (CAS 21645-51-2)	50 µg/g	Aluminium	Creatinine in urine	*
Aluminium Oxide (CAS 1344-28-1)	50 µg/g	Aluminium	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

**8.2. Exposure controls**

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

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

**General information** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Wear safety glasses with side shields (or goggles). Face shield is recommended.

**Skin protection**

**- Hand protection** Wear appropriate chemical resistant gloves.

**- Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

**Environmental exposure controls** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point or initial boiling point and boiling range</b>	608 °F (320 °C) estimated
<b>Flammability</b>	Not applicable.
<b>Flash point</b>	265,0 °F (129,4 °C) estimated
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not available.

Kinematic viscosity	Not available.
<b>Solubility</b>	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water) (log value)	Not available.
Vapor pressure	0,01 hPa estimated
<b>Density and/or relative density</b>	
Density	1,52 g/cm3 estimated
Vapor density	Not available.
Particle characteristics	Not available.

## 9.2. Other information

9.2.1. Information with regard to physical hazard classes No relevant additional information available.

## 9.2.2. Other safety characteristics

    Specific gravity 1,52 estimated

## 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 reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Contact with incompatible materials.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	No hazardous decomposition products are known.

## SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

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

Acute toxicity Not known.

Components	Species	Test Results
Alumina Trihydrate (CAS 21645-51-2)		
<u>Acute</u>		
Oral		
LD50	Rat	> 5000 mg/kg
Aluminium Oxide (CAS 1344-28-1)		
<u>Acute</u>		
Oral		
LD50	Rat	> 5000 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory sensitization	Due to partial or complete lack of data the classification is not possible.	
Skin sensitization	May cause an allergic skin reaction.	
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.	
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.	

**Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)**

Glass, Oxide (CAS 65997-17-3)

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Quartz (CAS 14808-60-7)

1 Carcinogenic to humans.

**Slovenia. CMR. Protection of workers from exposure to carcinogen and mutagen agents (ULRS 101/2005, as amended)**

Glass, Oxide (CAS 65997-17-3)

Carcinogenic, Category 1B.

<b>Reproductive toxicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - single exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - repeated exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Aspiration hazard</b>	Due to partial or complete lack of data the classification is not possible.
<b>Mixture versus substance information</b>	No information available.

**11.2. Information on other hazards**

<b>Endocrine disrupting properties</b>	This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
<b>Other information</b>	Not available.

**SECTION 12: Ecological information**

<b>12.1. Toxicity</b>	Based on available data, the classification criteria are not met for hazardous to the aquatic environment.
<b>12.2. Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.
<b>12.3. Bioaccumulative potential</b>	
<b>Bioconcentration factor (BCF)</b>	Not available.
<b>12.4. Mobility in soil</b>	No data available.
<b>12.5. Results of PBT and vPvB assessment</b>	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.
<b>12.6. Endocrine disrupting properties</b>	This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
<b>12.7. Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Special precautions</b>	Dispose in accordance with all applicable regulations.

**SECTION 14: Transport information**

**ADR**

<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	9

**Hazard No. (ADR)** 90  
**Tunnel restriction code** E  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### RID

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)  
**14.3. Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Label(s)** 9  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### ADN

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)  
**14.3. Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Label(s)** 9  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IATA

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)  
**14.3. Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**ERG Code** 9L  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### Other information

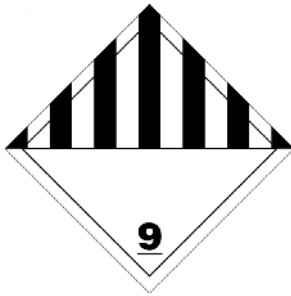
**Passenger and cargo aircraft** Allowed with restrictions.  
**Cargo aircraft only** Allowed with restrictions.

#### IMDG

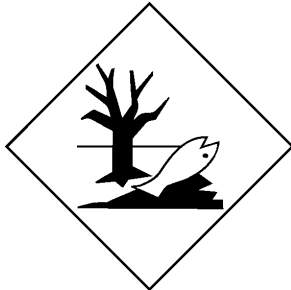
**14.1. UN number** UN3082  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin), MARINE POLLUTANT  
**14.3. Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**14.4. Packing group** III  
**14.5. Environmental hazards**  
**Marine pollutant** Yes  
**EmS** F-A, S-F  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**14.7. Maritime transport in bulk according to IMO instruments** Epoxy Resin Not established.

ADN; ADR; IATA; IMDG; RID



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

## 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 (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

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

Alumina Trihydrate (CAS 21645-51-2)

Aluminium Oxide (CAS 1344-28-1)

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

Not listed.

**UFI:**

Austria: 1S25-A14H-S00K-P8MD  
 Belgium: 1S25-A14H-S00K-P8MD  
 Bulgaria: 1S25-A14H-S00K-P8MD  
 Croatia: 1S25-A14H-S00K-P8MD  
 Cyprus: 1S25-A14H-S00K-P8MD  
 Czech Republic: 1S25-A14H-S00K-P8MD  
 Denmark: 1S25-A14H-S00K-P8MD  
 Estonia: 1S25-A14H-S00K-P8MD  
 EU: 1S25-A14H-S00K-P8MD  
 Finland: 1S25-A14H-S00K-P8MD  
 France: 1S25-A14H-S00K-P8MD  
 Germany: 1S25-A14H-S00K-P8MD  
 Greece: 1S25-A14H-S00K-P8MD  
 Hungary: 1S25-A14H-S00K-P8MD  
 Iceland: 1S25-A14H-S00K-P8MD  
 Ireland: 1S25-A14H-S00K-P8MD  
 Italy: 1S25-A14H-S00K-P8MD  
 Latvia: 1S25-A14H-S00K-P8MD  
 Lithuania: 1S25-A14H-S00K-P8MD  
 Luxembourg: 1S25-A14H-S00K-P8MD  
 Malta: 1S25-A14H-S00K-P8MD  
 Netherlands: 1S25-A14H-S00K-P8MD  
 Norway: 1S25-A14H-S00K-P8MD  
 Poland: 1S25-A14H-S00K-P8MD  
 Portugal: 1S25-A14H-S00K-P8MD  
 Romania: 1S25-A14H-S00K-P8MD  
 Slovakia: 1S25-A14H-S00K-P8MD  
 Slovenia: 1S25-A14H-S00K-P8MD  
 Spain: 1S25-A14H-S00K-P8MD  
 Sweden: 1S25-A14H-S00K-P8MD

**Authorizations****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 - Conditions of restriction given for the associated entry number should be considered**

Glass, Oxide (CAS 65997-17-3)

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

Glass, Oxide (CAS 65997-17-3)

Quartz (CAS 14808-60-7)

**Other regulations**

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

**National regulations**

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended. Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

**Contains a substance which is included on the TRGS 905 list of carcinogenic, germ cell mutagenic and reproductive toxic substances**

Alumina Trihydrate (CAS 21645-51-2)

Anorganische Faserstäube, soweit nicht erwähnt (ausgenommen Gipsfasern und Wollastonitfasern)

Aluminium Oxide (CAS 1344-28-1)

Faserstäube, anorganische (außer Asbest), Künstlich hergestellte anorganische einkristalline Fasern (Whisker) aus Aluminoxid

**France regulations****France INRS Table of Occupational Diseases**

Epoxy Resin (CAS 25085-99-8)

Maladies professionnelles provoquées par les résines époxydiques et leurs constituants 51

Quartz (CAS 14808-60-7)

Affections consécutives à l'inhalation de poussières minérales renfermant de la silice cristalline (quartz, cristobalite, tridymite), des silicates cristallins (kaolin, talc), du graphite ou de la houille 25

**Product registration number**

**Austria** UFI: 1S25-A14H-S00K-P8MD  
**Belgium** UFI: 1S25-A14H-S00K-P8MD  
**Czech Republic** UFI: 1S25-A14H-S00K-P8MD  
**Denmark** UFI: 1S25-A14H-S00K-P8MD  
**European Union** UFI: 1S25-A14H-S00K-P8MD



Finland	UFI: 1S25-A14H-S00K-P8MD
France	UFI: 1S25-A14H-S00K-P8MD
Germany	UFI: 1S25-A14H-S00K-P8MD
Greece	UFI: 1S25-A14H-S00K-P8MD
Hungary	UFI: 1S25-A14H-S00K-P8MD
Italy	UFI: 1S25-A14H-S00K-P8MD
Netherlands	UFI: 1S25-A14H-S00K-P8MD
Norway	UFI: 1S25-A14H-S00K-P8MD
Poland	UFI: 1S25-A14H-S00K-P8MD
Portugal	UFI: 1S25-A14H-S00K-P8MD
Slovakia	UFI: 1S25-A14H-S00K-P8MD
Slovenia	UFI: 1S25-A14H-S00K-P8MD
Spain	UFI: 1S25-A14H-S00K-P8MD
Sweden	UFI: 1S25-A14H-S00K-P8MD
Switzerland	UFI: 1S25-A14H-S00K-P8MD

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

**List of abbreviations**

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
 ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.  
 AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).  
 CAS: Chemical Abstract Service.  
 CEN: European Committee for Standardization.  
 IATA: International Air Transport Association.  
 IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
 IMDG: International Maritime Dangerous Goods.  
 MAC: Maximum Allowed Concentration.  
 MARPOL: International Convention for the Prevention of Pollution from Ships.  
 PBT: Persistent, bioaccumulative and toxic.  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
 STEL: Short term exposure limit.  
 TLV: Threshold Limit Value.  
 TWA: Time Weighted Average.  
 VLE: Exposure Limit Value.  
 VME: Exposure Average Value.  
 vPvB: Very persistent and very bioaccumulative.  
 Not available.

**References**

**Information on evaluation method leading to the classification of mixture**

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any statements, which are not written out in full under sections 2 to 15**

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H350 May cause cancer.  
 H351 Suspected of causing cancer.

**Revision information**

Physical & Chemical Properties: Multiple Properties

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.