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

1.1. Product identifier

Product form : Mixture

Trade name : PSX 60 Part A

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

1.2.1. Relevant identified uses

Main use category : Industrial uses,Professional uses

Use of the substance/mixture : Adhesives, sealants

1.2.2. Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

NOV Completion and Production Solutions
Fiber Glass Systems
Wilgenweg 8P
2964AM Groot-Ammers - The Netherlands
T +31 610560118
evert.riswick@nov.com - www.fgspipe.com

1.4. Emergency telephone number

Emergency number : + 1-760-476-3961
This telephone number is available 24 hours per day, 7 days per week.

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, 24/7, healthcare professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Repr. 1A	H360FD
STOT RE 1	H372
Aquatic Chronic 2	H411

Full text of H statements : see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS07 GHS08 GHS09

Signal word : Danger

Hazardous ingredients : Phenol, polymer with formaldehyde, glycidyl ether; Quartz; dibutyltin di(acetate)

Hazard statements (CLP) : H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H360FD - May damage fertility. May damage the unborn child.
H372 - Causes damage to organs through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.
P260 - Do not breathe dust, fume, gas, mist, vapours, spray.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P391 - Collect spillage.

Extra phrases : Restricted to professional users

2.3. Other hazards

Other hazards : Results of PBT and vPvB assessment : Not applicable.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Phenol, polymer with formaldehyde, glycidyl ether	(CAS-No.) 28064-14-4 (EC-No.) 608-164-0 (EC Index) -	40 – 70	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Quartz	(CAS-No.) 14808-60-7 (EC-No.) 238-878-4	10 – 20	STOT RE 1, H372
Siloxane, dimethyl, methoxyphenyl with phenyl silsesquioxane methoxy-terminated	(CAS-No.) 68957-04-0 (EC-No.) 614-853-7	< 2	Acute Tox. 4 (Oral), H302

dibutyltin di(acetate)	(CAS-No.) 1067-33-0 (EC-No.) 213-928-8	< 1	Skin Corr. 1B, H314 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1A, H360FD STOT SE 1, H370 STOT RE 1, H372 Aquatic Chronic 1, H410
Methanol substance with a Community workplace exposure limit	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index) 603-001-00-X	< 0,05	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapour), H331 STOT SE 1, H370

Specific concentration limits:

Substance name	Product identifier	Specific concentration limits
Methanol	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index) 603-001-00-X	(3 ≤C < 10) STOT SE 2, H371 (10 ≤C < 100) STOT SE 1, H370

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice : Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

Inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

Skin contact : Wash with plenty of water/... Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eyes contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Inhalation : May cause irritation or asthma-like symptoms.

Skin contact : Causes skin irritation. May cause an allergic skin reaction.

Eyes contact : Causes serious eye irritation.

Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Chronic symptoms : May damage fertility. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure.

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Alcohol resistant foam. dry extinguishing powder. Carbon dioxide.

Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Non flammable. Heating will cause a rise in pressure with a risk of bursting.

Explosion hazard : Mechanical cutting, grinding, drilling or sanding. : Risk of dust explosion.

Hazardous decomposition products in case of fire : Aldehydes. Carbon oxides (CO, CO2). Phenol.

5.3. Advice for firefighters

Firefighting instructions : Special protective equipment for firefighters. In case of fire: Wear self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Do not allow run-off from fire-fighting to enter drains or water courses. Evacuate personnel to a safe area. Use water spray or fog for cooling exposed containers.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8.

For non-emergency personnel : Evacuate personnel to a safe area. Stay upwind/keep distance from source. Provide adequate ventilation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed. Use explosion-proof equipment.

Measures in case of dust release : Exclude sources of ignition and ventilate the area. Do not breathe dust.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so.

Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Dispose of waste product or used containers according to local regulations. Avoid dust formation. Knock down/dilute dust cloud with water spray. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Use non-sparking tools.

6.4. Reference to other sections

See Heading 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe dust. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with combustibles... See also section 10. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Do not allow to enter into surface water or drains. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed. Use explosion-proof equipment. Use only non-sparking tools. Keep good industrial hygiene.

Hygiene measures : Wash hands immediately after handling the product. When using do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Separate working clothes from town clothes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a dry, cool and well-ventilated place. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Storage temperature : < 38 °C

Heat and ignition sources : Keep away from open flames, hot surfaces and sources of ignition. Keep out of direct sunlight.

Packaging materials : Keep only in the original container.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Quartz (14808-60-7)		
Austria	MAK (OEL TWA)	0,15 mg/m³ (yearly average valid until December 31, 2013, the assessment period is one year-alveolar dust, respirable fraction)
Belgium	OEL TWA	0,1 mg/m³ (alveolar dust)
Croatia	GVI (OEL TWA) [1]	0,1 mg/m³ 0,1 mg/m³ (regulated under Quartz sand and Silicon dioxide-respirable dust)
Czech Republic	PEL (OEL TWA)	0,1 mg/m³ (dust)
Denmark	OEL TWA [1]	0,3 mg/m³ (total) 0,1 mg/m³ (respirable)
Estonia	OEL TWA	0,1 mg/m³ (respirable dust)
Finland	HTP (OEL TWA) [1]	0,05 mg/m³ (respirable dust (Silicon dioxide, crystalline)
France	VME (OEL TWA)	0,1 mg/m³ (restrictive limit-alveolar fraction)
Hungary	AK (OEL TWA)	0,1 mg/m³ (respirable)
Ireland	OEL TWA [1]	0,1 mg/m³ (respirable dust)
Ireland	OEL STEL	0,3 mg/m³
Lithuania	IPRV (OEL TWA)	0,1 mg/m³ (Silicon dioxide variation-respirable fraction)
Netherlands	MAC-TGG (OEL TWA)	0,075 mg/m³ (respirable fraction (Silica, crystalline)
Poland	NDS (OEL TWA)	0,1 mg/m³ (respirable fraction)
Portugal	OEL TWA	0,025 mg/m³ (respirable fraction)
Romania	OEL TWA	0,1 mg/m³ (dust, respirable fraction)
Spain	VLA-ED (OEL TWA) [1]	0,05 mg/m³ (reclassified IARC group 2A to group 1-respirable fraction)
Sweden	NGV (OEL TWA)	0,1 mg/m³ (respirable fraction)
Norway	Grenseverdi (OEL TWA) [1]	0,3 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-total dust) 0,1 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-respirable dust)
Norway	Korttidsverdi (OEL STEL)	0,9 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-total dust) 0,3 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-respirable dust)
Switzerland	MAK (OEL TWA) [1]	0,15 mg/m³ (respirable dust)
Australia	OES TWA [1]	0,05 mg/m³ (respirable dust)
Canada (Quebec)	VEMP (OEL TWA)	0,1 mg/m³ (respirable dust)

Quartz (14808-60-7)		
USA - ACGIH	ACGIH OEL TWA	0,025 mg/m³ (respirable particulate matter)
USA - IDLH	IDLH	50 mg/m³ (respirable dust)
USA - NIOSH	NIOSH REL TWA	0,05 mg/m³ (respirable dust)
USA - OSHA	OSHA PEL TWA [1]	50 µg/m³ (Respirable crystalline silica)

Methanol (67-56-1)		
EU	IOEL TWA	260 mg/m³
EU	IOEL TWA [ppm]	200 ppm
EU	Notes	Possibility of significant uptake through the skin
Austria	MAK (OEL TWA)	260 mg/m³
Austria	MAK (OEL TWA) [ppm]	200 ppm
Austria	MAK (OEL STEL)	1040 mg/m³
Austria	MAK (OEL STEL) [ppm]	800 ppm
Belgium	OEL TWA	266 mg/m³
Belgium	OEL TWA [ppm]	200 ppm
Belgium	OEL STEL	333 mg/m³
Belgium	OEL STEL [ppm]	250 ppm
Bulgaria	OEL TWA	260 mg/m³
Bulgaria	OEL TWA [ppm]	200 ppm
Croatia	GVI (OEL TWA) [1]	260 mg/m³
Croatia	GVI (OEL TWA) [2]	200 ppm
Cyprus	OEL TWA	260 mg/m³
Cyprus	OEL TWA [ppm]	200 ppm
Czech Republic	PEL (OEL TWA)	250 mg/m³
Denmark	OEL TWA [1]	260 mg/m³
Denmark	OEL TWA [2]	200 ppm
Estonia	OEL TWA	250 mg/m³
Estonia	OEL TWA [ppm]	200 ppm
Estonia	OEL STEL	350 mg/m³
Estonia	OEL STEL [ppm]	250 ppm
Finland	HTP (OEL TWA) [1]	270 mg/m³
Finland	HTP (OEL TWA) [2]	200 ppm
Finland	HTP (OEL STEL)	330 mg/m³
Finland	HTP (OEL STEL) [ppm]	250 ppm
France	VME (OEL TWA)	260 mg/m³ (restrictive limit)
France	VME (OEL TWA) [ppm]	200 ppm (restrictive limit)
France	VLE (OEL C/STEL)	1300 mg/m³
France	VLE (OEL C/STEL) [ppm]	1000 ppm
Germany	Occupational exposure limit value (mg/m³) (TRGS900)	130 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Occupational exposure limit value (ppm) (TRGS900)	100 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)

Methanol (67-56-1)		
Germany	BLV	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift 15 mg/l Parameter: Methanol - Medium: urine - Sampling time: for long-term exposures: at the end of the shift after several shifts
Gibraltar	OEL TWA	260 mg/m³
Gibraltar	OEL TWA [ppm]	200 ppm
Greece	OEL TWA	260 mg/m³
Greece	OEL TWA [ppm]	200 ppm
Greece	OEL STEL	325 mg/m³
Greece	OEL STEL [ppm]	250 ppm
Hungary	AK (OEL TWA)	260 mg/m³
Ireland	OEL TWA [1]	260 mg/m³
Ireland	OEL TWA [2]	200 ppm
Ireland	OEL STEL	780 mg/m³ (calculated)
Ireland	OEL STEL [ppm]	600 ppm (calculated)
Italy	OEL TWA	260 mg/m³
Italy	OEL TWA [ppm]	200 ppm
Latvia	OEL TWA	260 mg/m³
Latvia	OEL TWA [ppm]	200 ppm
Lithuania	IPRV (OEL TWA)	260 mg/m³
Lithuania	IPRV (OEL TWA) [ppm]	200 ppm
Luxembourg	OEL TWA	260 mg/m³
Luxembourg	OEL TWA [ppm]	200 ppm
Malta	OEL TWA	260 mg/m³
Malta	OEL TWA [ppm]	200 ppm
Netherlands	MAC-TGG (OEL TWA)	133 mg/m³
Poland	NDS (OEL TWA)	100 mg/m³
Poland	NDSCh (OEL STEL)	300 mg/m³
Portugal	OEL TWA	260 mg/m³ (indicative limit value)
Portugal	OEL TWA [ppm]	200 ppm (indicative limit value)
Portugal	OEL STEL [ppm]	250 ppm
Romania	OEL TWA	260 mg/m³
Romania	OEL TWA [ppm]	200 ppm
Slovakia	NPHV (OEL TWA) [1]	260 mg/m³
Slovakia	NPHV (OEL TWA) [2]	200 ppm
Slovenia	OEL TWA	260 mg/m³
Slovenia	OEL TWA [ppm]	200 ppm
Slovenia	OEL STEL	1040 mg/m³
Slovenia	OEL STEL [ppm]	800 ppm
Spain	VLA-ED (OEL TWA) [1]	266 mg/m³ (indicative limit value)
Spain	VLA-ED (OEL TWA) [2]	200 ppm (indicative limit value)
Sweden	NGV (OEL TWA)	250 mg/m³
Sweden	NGV (OEL TWA) [ppm]	200 ppm

Methanol (67-56-1)		
Sweden	KTV (OEL STEL)	350 mg/m³
Sweden	KTV (OEL STEL) [ppm]	250 ppm
United Kingdom	WEL TWA (OEL TWA) [1]	266 mg/m³
United Kingdom	WEL TWA (OEL TWA) [2]	200 ppm
United Kingdom	WEL STEL (OEL STEL)	333 mg/m³
United Kingdom	WEL STEL (OEL STEL) [ppm]	250 ppm
Norway	Grenseverdi (OEL TWA) [1]	130 mg/m³
Norway	Grenseverdi (OEL TWA) [2]	100 ppm
Norway	Korttidsverdi (OEL STEL)	162,5 mg/m³ (value calculated)
Norway	Korttidsverdi (OEL STEL) [ppm]	125 ppm (value calculated)
Switzerland	MAK (OEL TWA) [1]	260 mg/m³
Switzerland	MAK (OEL TWA) [2]	200 ppm
Switzerland	KZGW (OEL STEL)	1040 mg/m³
Switzerland	KZGW (OEL STEL) [ppm]	800 ppm
Australia	OES TWA [1]	262 mg/m³
Australia	OES TWA [2]	200 ppm
Australia	OES STEL	328 mg/m³
Australia	OES STEL [ppm]	250 ppm
Canada (Quebec)	VECD (OEL STEL)	328 mg/m³
Canada (Quebec)	VECD (OEL STEL) [ppm]	250 ppm
Canada (Quebec)	VEMP (OEL TWA)	262 mg/m³
Canada (Quebec)	VEMP (OEL TWA) [ppm]	200 ppm
USA - ACGIH	ACGIH OEL TWA [ppm]	200 ppm
USA - ACGIH	ACGIH OEL STEL [ppm]	250 ppm
USA - IDLH	IDLH [ppm]	6000 ppm
USA - NIOSH	NIOSH REL TWA	260 mg/m³
USA - NIOSH	NIOSH REL TWA [ppm]	200 ppm
USA - NIOSH	NIOSH REL STEL	325 mg/m³
USA - NIOSH	NIOSH REL STEL [ppm]	250 ppm
USA - OSHA	OSHA PEL TWA [1]	260 mg/m³
USA - OSHA	OSHA PEL TWA [2]	200 ppm

Additional information : Atmospheric monitoring at regular intervals. Personal monitoring

8.2. Exposure controls

Engineering measure(s) : Local exhaust and general ventilation must be adequate to meet exposure standards. Organisational measures to prevent /limit releases, dispersion and exposure. Mechanical cutting, grinding, drilling or sanding. : Potential dust explosion hazard. Explosion free apparatus have to be used. Ensure equipment is adequately earthed.

Hand protection	:	Wear suitable gloves resistant to chemical penetration. Butyl rubber. Nitrile rubber. Neoprene. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
Eye protection	:	Safety glasses with side shields (EN166)
Body protection	:	Wear suitable protective clothing
Respiratory protection	:	In case of insufficient ventilation, wear suitable respiratory equipment. Effective dust mask (EN 149). Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: ABEK + P (EN 143). 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. (EN 137). Wear appropriate mask

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Paste.
Colour	:	Black.
Odour	:	slight. epoxy-like.
Odour threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting / freezing point	:	No data available
Freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	> 200 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Non flammable.
Vapour pressure	:	< 1 mmHg (20 °C)
Vapour density	:	≈ 1 (Air = 1.0)
Relative density	:	No data available
Solubility	:	No data available. Water: Negligible
Partition coefficient n-octanol/water	:	No data available
Kinematic viscosity	:	No data available
Dynamic viscosity	:	600000 – 400000 cP (25 °C)
Explosive properties	:	Not applicable.
Oxidising properties	:	Not applicable.
Explosive limits	:	No data available
Particle size	:	Not applicable
Particle size distribution	:	Not applicable
Particle shape	:	Not applicable
Particle aspect ratio	:	Not applicable
Particle aggregation state	:	Not applicable
Particle agglomeration state	:	Not applicable
Particle specific surface area	:	Not applicable
Particle dustiness	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No data available

9.2.2. Other safety characteristics

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Non flammable. Danger of polymerisation.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Amines, alcohols, Strong acids and strong bases, Strong oxidizing agents, Heat. Risk of dust explosion.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids and strong bases. alcohols. Strong oxidizing agents. Amines. Catalyst.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Phenols. Aldehydes.

SECTION 11: Toxicological information

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

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Phenol, polymer with formaldehyde, glycidyl ether (28064-14-4)	
LD50/oral/rat	> 2000 mg/kg
LD50/dermal/rat	> 2000 mg/kg

dibutyltin di(acetate) (1067-33-0)	
LD50/oral/rat	32 mg/kg

Methanol (67-56-1)	
LD50/oral/rat	6200 mg/kg
LD50/dermal/rabbit	15840 mg/kg
LC50/inhalation/4h/rat (ppm)	22500 ppm (Exposure time: 8 h)

Skin corrosion/irritation : Causes skin irritation.
pH: No data available

Serious eye damage/irritation : Causes serious eye irritation.
pH: No data available

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified
Based on available data, the classification criteria are not met

Reproductive toxicity : May damage fertility. May damage the unborn child.

STOT-single exposure : Not classified
Based on available data, the classification criteria are not met

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified
Based on available data, the classification criteria are not met

Other information : Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : Not applicable

11.2.2 Other information

Other information : Symptoms related to the physical, chemical and toxicological characteristics,For further information see section 4

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : Toxic to aquatic life with long lasting effects.

Ecology - water : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Phenol, polymer with formaldehyde, glycidyl ether (28064-14-4)	
LC50 - Fish [1]	1 – 10 mg/l
EC50 - Crustacea [1]	1 – 10 mg/l

Methanol (67-56-1)	
LC50 - Fish [1]	28200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	> 10000 mg/l

12.2. Persistence and degradability

PSX 60 Part A	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

PSX 60 Part A	
Partition coefficient n-octanol/water	No data available
Bioaccumulative potential	Not established.

Methanol (67-56-1)	
BCF - Fish [1]	< 10
Partition coefficient n-octanol/water	-0,77

12.4. Mobility in soil

PSX 60 Part A	
Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

PSX 60 Part A	
Results of PBT assessment	No data available

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : Not applicable

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Do not allow to enter into surface water or drains. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.

Additional information : Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

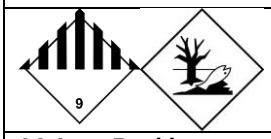
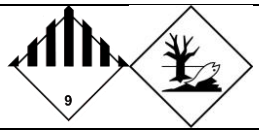
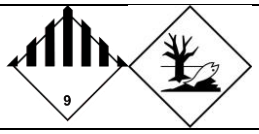
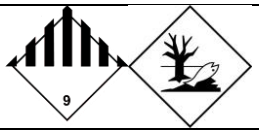
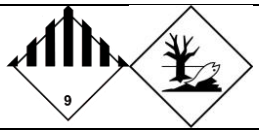
Further ecological information : Avoid release to the environment.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : This material and its container must be disposed of as hazardous waste
Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
3082	3082	3082	3082	3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether)	Environmentally hazardous substance, liquid, n.o.s. (Phenol, polymer with formaldehyde, glycidyl ether)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether)
Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Phenol,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

ADR	IMDG	IATA	ADN	RID
N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether), 9, III, (-)	N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether), 9, III, MARINE POLLUTANT	polymer with formaldehyde, glycidyl ether), 9, III	N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether), 9, III	N.O.S. (Phenol, polymer with formaldehyde, glycidyl ether), 9, III
14.3. Transport hazard class(es)				
9	9	9	9	9
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

Classification code (ADR) : M6

Special provisions : 274, 335, 375, 601

Limited quantities (ADR) : 5l

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T4

Portable tank and bulk container special provisions (ADR) : TP1, TP29

Tank code (ADR) : LGBV

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR) : V12

Special provisions for carriage - Loading, unloading and handling (ADR) : CV13

Hazard identification number (Kemler No.) : 90

Orange plates :

Tunnel restriction code : -

EAC code : •3Z

- Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

- Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

- Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

- Rail transport

Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

14.7. Maritime transport in bulk according to IMO instruments

Code: IBC : No data available.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Methanol
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	PSX 60 Part A ; Phenol, polymer with formaldehyde, glycidyl ether ; dibutyltin di(acetate) ; Siloxane, dimethyl, methoxyphenyl with phenyl silsesquioxane methoxy-terminated ; Methanol
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	PSX 60 Part A ; Phenol, polymer with formaldehyde, glycidyl ether ; dibutyltin di(acetate)
30. Substances which are classified as reproductive toxicant category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 5 or Appendix 6, respectively.	PSX 60 Part A
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Methanol
69. Methanol	Methanol

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
4511.text	Dangereux pour l'environnement aquatique de catégorie chronique 2.		
4511.1	La quantité totale susceptible d'être présente dans l'installation étant : 1. Supérieure ou égale à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t.	A	1
4511.2	La quantité totale susceptible d'être présente dans l'installation étant : 2. Supérieure ou égale à 100 t mais inférieure à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t.	DC	

Germany

Regulatory reference : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Listed in the 12. BImSchV (Annex I) under: 1.3.2

Quantity threshold for operational area under § 1 para. 1

- Sentence 1: 200000 kg
- Sentence 2: 500000 kg

Netherlands

Waterbezwaarlijkheid	:	A (2) - Vergiftig voor in water levende organismen kan in het aquatische milieu op lange termijn schadelijke effecten veroorzaken
SZW-lijst van kankerverwekkende stoffen	:	None of the components are listed
SZW-lijst van mutagene stoffen	:	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	:	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	:	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	:	Methanol is listed

Denmark

Recommendations Danish Regulation	:	Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Indication of changes:

2.3	Other hazards	Modified	
11.2	Information on other hazards	Added	
12.6	Endocrine disrupting properties	Added	
12.7	Other adverse effects	Modified	
14.7	Maritime transport in bulk according to IMO instruments	Modified	
16	Other information	Modified	

Abbreviations and acronyms:

	ABM = Algemene beoordelingsmethodiek
	ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	BTT = Breakthrough time (maximum wearing time)
	DMEL = Derived Minimal Effect level
	DNEL = Derived No Effect Level
	EC50 = Median Effective Concentration
	EL50 = Median effective level
	ErC50 = EC50 in terms of reduction of growth rate
	ErL50 = EL50 in terms of reduction of growth rate
	EWC = European waste catalogue
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	LL50 = Median lethal level
	NA = Not applicable
	NOEC = No observed effect concentration

	NOEL: no-observed-effect level
	NOELR = No observed effect loading rate
	NOAEC = No observed adverse effect concentration
	NOAEL = No observed adverse effect level
	N.O.S. = Not Otherwise Specified
	OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)
	PNEC = Predicted No Effect Concentration
	Quantitative structure-activity relationship (QSAR)
	STOT = Specific Target Organ Toxicity
	TWA = time weighted average
	VOC = Volatile organic compounds
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet : Safety Data Sheet: Supplier. ECHA (European Chemicals Agency), LOLI.

Training advice : Training staff on good practice. Manipulations are to be done only by qualified and authorised persons.

Other information : Classification - Assessment method: CLP Calculation method (Article 9). Physicochemical hazard assessment: Information given is based on tests on the mixture itself.

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 1A	Reproductive toxicity, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 1	Specific target organ toxicity — single exposure, Category 1
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H341	Suspected of causing genetic defects.

H360FD	May damage fertility. May damage the unborn child.
H370	Causes damage to organs.
H371	May cause damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
	Restricted to professional users

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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