# SAFETY DATA SHEET

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

CREATE FREE Clear (THAT) Part A

1.1. Product identifier

Trade name or designation

of the mixture

Registration number

**Synonyms** None.

Issue date 22-January-2018

Version number 01 **Revision date** Supersedes date

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

**Identified uses** Dry erase paint. Uses advised against None known. 1.3. Details of the supplier of the safety data sheet

IdeaPaint LTD Manufacturer/Supplier

5 New Street Square London, EC4A 3TW +44 207 837 9922 dclark@ideapaint.com

e-mail **Dugald Clark Contact person** 

+44 8 08 189 0979 **Emergency** 

Access Code: 333641

## **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** 

Telephone number

Skin corrosion/irritation Category 2 H315 - Causes skin irritation. Serious eye damage/eye irritation Category 2 H319 - Causes serious eye

irritation.

Skin sensitisation Category 1 H317 - May cause an allergic skin

reaction.

**Environmental hazards** 

Hazardous to the aquatic environment, Category 3 H412 - Harmful to aquatic life with

long-term aquatic hazard long lasting effects.

Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. **Hazard summary** 

Dangerous for the environment if discharged into watercourses. Occupational exposure to the

substance or mixture may cause adverse health effects.

## 2.2. Label elements

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

Contains: **Epoxy** 

**Hazard pictograms** 



Signal word Warning

**Hazard statements** 

H412

Causes skin irritation. H315

May cause an allergic skin reaction. H317

Causes serious eye irritation. H319 Harmful to aquatic life with long lasting effects.

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## **Precautionary statements**

Prevention

P261 Avoid breathing mist or vapour.
P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

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 assigned.

Disposal

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

Supplemental label information None.

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

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

### 3.2. Mixtures

### **General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Ероху	5 - 20	30583-72-3 500-070-7	-	-	
Classification:	Skin Irrit. 2;H315, Skin	Sens. 1;H317, Eye Ir	rit. 2;H319, Aquatic Chronic	2;H411	
Methanol	< 1	67-56-1 200-659-6	-	603-001-00-X	#
Classification:	Flam. Liq. 2;H225, Acu SE 1;H370	ite Tox. 3;H301, Acut	e Tox. 3;H311, Acute Tox. 3;	H331, STOT	

**Composition comments** 

The full text for all H-statements is displayed in section 16. 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 Will burn if involved in a fire.

5.1. Extinguishing media

Suitable extinguishing

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

media

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.

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### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

For emergency responders

Keep unnecessary personnel away.

6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. 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

Provide adequate ventilation. Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Persons susceptible to allergic reactions should not handle this product. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see section 10 of

the SDS).

7.3. Specific end use(s)

Dry erase paint.

## **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

## Occupational exposure limits Austria. MAK List

Componen	ts
Methanol (C	AS 67-56-1

Components	Туре	Value
Methanol (CAS 67-56-1)	MAK	260 mg/m3
		200 ppm
	STEL	1040 mg/m3
		800 ppm
Belgium. Exposure Limit Values.		
Components	Туре	Value
Methanol (CAS 67-56-1)	STEL	333 mg/m3
		250 ppm
	TWA	266 mg/m3
		200 ppm
Bulgaria. OELs. Regulation No 13	on protection of workers aga	inst risks of exposure to chemical agents at work

#### Components Value Type

Methanol (CAS 67-56-1)	TWA	260 mg/m3
		200 ppm

#### Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09 Components Value **Type**

Methanol (CAS 67-56-1)	MAC	260 mg/m3
		200 ppm

### Czech Republic. OELs. Government Decree 361 Components **Type**

·	<del></del>	
Methanol (CAS 67-56-1)	Ceiling	1000 mg/m3
	TWA	250 mg/m3

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Value

Methanol (CAS 67-56-1)	Denmark. Exposure Limit Values Components	Туре	Value
Methanol (CAS 67-56-1)	Methanol (CAS 67-56-1)	TLV	<u> </u>
Methanol (CAS 67-56-1)		imits of Hazardous Substances. (A	nnex of Regulation No. 293 of 18 September
Finland Workplace Exposure Limits	Components	Туре	Value
Components         Type         Value           Methanol (CAS 67-56-1)         STEL         330 mg/m3           250 ppm         270 mg/m3           200 ppm         270 mg/m3           200 ppm         270 mg/m3           200 ppm         200 ppm           France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984           Methanol (CAS 67-56-1)         VLE         1300 mg/m3           Methanol (CAS 67-56-1)         VME         200 mg/m3           Gormany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)         Value           Methanol (CAS 67-56-1)         TWA         270 mg/m3           200 ppm         270 mg/m3         200 ppm           Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace         Value           Components         Type         Value           Methanol (CAS 67-56-1)         STEL         325 mg/m3           Eccess. OELs (Decree No. 90/1999, as amended)         200 ppm           Greece. OELs (Decree No. 90/1999, as amended)         200 ppm           Fruit         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3           Components         Type	Methanol (CAS 67-56-1)		250 ppm 250 mg/m3
Methanol (CAS 67-56-1)   STEL   330 mg/m3   255 ppm   TWA   250 ppm   TWA   250 ppm   TWA   250 ppm   TWA   250 ppm   TWA   270 mg/m3   200 ppm   TWA   260 mg/m3   200 ppm   TWA   270 mg/m3   200 ppm   TWA   280 mg/m3   200 ppm   TWA   280 mg/m3   250 ppm   TWA   280 mg/m3   250 ppm   280 mg/m	Finland. Workplace Exposure Limits		
TWA	Components	Туре	Value
TWA	Methanol (CAS 67-56-1)	STEL	330 mg/m3
Components         Type         Value           Methanol (CAS 67-56-1)         VLE         13000 mg/m3 10000 ppm 260 mg/m3 2000 ppm           Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)         Type         Value           Methanol (CAS 67-56-1)         TWA         270 mg/m3 200 ppm           Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace Components         Type         Value           Methanol (CAS 67-56-1)         AGW         270 mg/m3 200 ppm           Greece. OELs (Decree No. 90/1999, as am—nded) Components         Type         Value           Methanol (CAS 67-56-1)         STEL         325 mg/m3 250 ppm           TWA         260 mg/m3 200 ppm         200 ppm           Hungary. OELs. Joint Decree on Chemical Safety of Workplaces Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3 200 ppm           Iceland. OELs. Regulation 154/1999 on occupational exposure limits Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3 200 ppm           Ireland. Occupational Exposure Limits Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3 200 ppm           Ireland. Occupational exposure Limits Compone		TWA	270 mg/m3
Methanol (CAS 67-56-1)			
Number			
Components   Type   Value	Methanol (CAS 67-56-1)		1000 ppm 260 mg/m3
Components         Type         Value           Methanol (CAS 67-56-1)         TWA         270 mg/m3 200 ppm           Germany, TRGS 900, Limit Values in the Ambient Air at the Workplace Components         Value           Methanol (CAS 67-56-1)         AGW         270 mg/m3 200 ppm           Greece. OELs (Decree No. 90/1999, as amended) Components         Yulue           Methanol (CAS 67-56-1)         STEL         325 mg/m3 250 ppm           TWA         260 mg/m3 200 ppm           Hungary. OELs. Joint Decree on Chemical Safety of Workplaces Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3 200 ppm           Iceland. OELs. Regulation 154/1999 on occupational exposure limits Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3 200 ppm           Ireland. Occupational Exposure Limits Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3 200 ppm           Italy. OELs Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3 200 ppm           Latvia. OELs. Occupational exposure limit values of chemical substances in work environment Value         Value		). Commission for the Investigation	• •
Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace Components Type Value  Methanol (CAS 67-56-1) AGW 270 mg/m3 200 ppm  Greece. OELs (Decree No. 90/1999, as amended) Components Type Value  Methanol (CAS 67-56-1) STEL 325 mg/m3 250 ppm TWA 250 mg/m3 200 ppm  Hungary. OELs. Joint Decree on Chemical Safety of Workplaces Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Hungary. OELs. Regulation 154/1999 on occupational exposure limits Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Ireland. Occupational Exposure Limits Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Ireland. Occupational Exposure Limits Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Italy. OELs Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Italy. OELs Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Italy. OELs Components Type Value		Туре	Value
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Components         Type         Value           Methanol (CAS 67-56-1)         STEL         325 mg/m3           250 ppm         250 mg/m3         200 ppm           Hungary. OELs. Joint Decree on Chemical Safety of Workplaces         Value           Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3           Iceland. OELs. Regulation 154/1999 on occupational exposure limits         Value           Components         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3           200 ppm         Ireland. Occupational Exposure Limits         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3           1aly. OELs         Value         Value           Methanol (CAS 67-56-1)         Type         Value           Methanol (CAS 67-56-1)         TWA         260 mg/m3           200 ppm         200 ppm           Latvia. OELs. Occupational exposure limit values of chemical substances in work environment Value	Methanol (CAS 67-56-1)	AGW	<u> </u>
TWA 250 ppm 260 mg/m3 200 ppm  Hungary. OELs. Joint Decree on Chemical Safety of Workplaces Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Iceland. OELs. Regulation 154/1999 on occupational exposure limits Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Ireland. Occupational Exposure Limits Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Italy. OELs Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Italy. OELs Components Type Value  Methanol (CAS 67-56-1) TWA 260 mg/m3 200 ppm  Latyia. OELs. Occupational exposure limit values of chemical substances in work environment Components Type Value	•	•	Value
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Methanol (CAS 67-56-1)  TWA  260 mg/m3 200 ppm  Latvia. OELs. Occupational exposure limit values of chemical substances in work environment Components  Type  Value		T	Walter
Latvia. OELs. Occupational exposure limit values of chemical substances in work environment Components Type Value	-		
Components Type Value	Methanol (CAS 67-56-1)	TWA	•
Methanol (CAS 67-56-1) TWA 260 mg/m3			
	Methanol (CAS 67-56-1)	TWA	260 mg/m3

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		200 ppm
l ithuania OELs I imit Values for O	hamical Substances General	Requirements (Hygiene Norm HN 23:2007)
Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
uxembourg. Binding Occupationa	l exposure limit values (Annex	( I), Memorial A
Components	Туре	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
Malta. OELs. Occupational Exposui Schedules I and V)	re Limit Values (L.N. 227. of O	ccupational Health and Safety Authority Act (CAP. 42
Components	Туре	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
Netherlands. OELs (binding)		
Components	Туре	Value
Methanol (CAS 67-56-1)	TWA	133 mg/m3
Norway. Administrative Norms for ( Components	Contaminants in the Workplac Type	e Value
	TLV	
Methanol (CAS 67-56-1)	ILV	130 mg/m3 100 ppm
Poland, MACs, Regulation regardin	g maximum permissible conc	entrations and intensities of harmful factors in the wo
environment, Annex 1	g maximum pormiooioio como	
Components	Туре	Value
Methanol (CAS 67-56-1)	STEL	300 mg/m3
	TWA	100 mg/m3
Portugal. OELs. Decree-Law n. 290/ Components	2001 (Journal of the Republic Type	- 1 Series A, n.266) Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3
5. 4 I M 5. N		200 ppm
Portugal. VLEs. Norm on occupatio Components	nai exposure to cnemical age Type	nts (NP 1796) Value
Methanol (CAS 67-56-1)	STEL TWA	250 ppm 200 ppm
Romania. OELs. Protection of work		
Components	Туре	Value
Wethanol (CAS 67-56-1)	STEL	5 ppm
,	TWA	260 mg/m3
		200 ppm
_	rnment of the Slovak Republi	c concerning protection of health in work with chemic
agents Components	Туре	Value
<u> </u>		
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
		gainst risks due to exposure to chemicals while work
Official Gazette of the Republic of		Value
Components	Туре	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
Spain. Occupational Exposure Limi	ts	
Components	Туре	Value
Methanol (CAS 67-56-1)	TWA	266 mg/m3
		200 ppm

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Components	Туре	Value	
Methanol (CAS 67-56-1)	STEL	350 mg/m3	
		250 ppm	
	TWA	250 mg/m3	
		200 ppm	
Switzerland. SUVA Grenzwerte a	m Arbeitsplatz		
Components	Туре	Value	
Methanol (CAS 67-56-1)	STEL	1040 mg/m3	
		800 ppm	
	TWA	260 mg/m3	
		200 ppm	
UK. EH40 Workplace Exposure L	imits (WELs)		
Components	Туре	Value	
Methanol (CAS 67-56-1)	STEL	333 mg/m3	
		250 ppm	
	TWA	266 mg/m3	
		200 ppm	
EU. Indicative Exposure Limit Va	lues in Directives 91/322/EEC,	2000/39/EC, 2006/15/EC, 2009/161/EU	
Components	Туре	Value	
Methanol (CAS 67-56-1)	TWA	260 mg/m3	

# **Biological limit values**

Croatia. BLV. Dangerous Substance Exposure Limit Values at Workplace, Annexes 4 (as amended)					
Components	Value	Determinant	Specimen	Sampling Time	
Methanol (CAS 67-56-1)	7 mg/g	Methanol	Creatinine in urine	*	
	24,7 mmol/mol	Methanol	Creatinine in urine	*	

200 ppm

Czech Republic. Limit Values for Indictators of Biological Exposure Tests in Urine and Blood, Annex 2, Tables 1 and 2, Government Decree 432/2003 Sb.

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
	0,47 mmol/l	Methanol	Urine	*

<sup>\* -</sup> For sampling details, please see the source document.

France. Biological indicators of exposure (IBE) (National Institute for Research and Security (INRS, ND 2065) Determinant Components **Sampling Time** Value **Specimen** Methanol (CAS 67-56-1) 15 mg/l Méthanol Urine

Germany, TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling Time	
Methanol (CAS 67-56-1)	30 mg/l	Methanol	Urine	*	

<sup>\* -</sup> For sampling details, please see the source document.

Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	20 mg/g	Methanol	Creatinine in urine	*
	30 mg/l	Methanol	Urine	*

<sup>\* -</sup> For sampling details, please see the source document.

Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4						
Components	Value	Determinant	Specimen	Sampling Time		
Methanol (CAS 67-56-1)	15 mg/l	Metanol	Urine	*		

<sup>\* -</sup> For sampling details, please see the source document.

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<sup>\* -</sup> For sampling details, please see the source document.

<sup>\* -</sup> For sampling details, please see the source document.

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components Value **Determinant Specimen** Sampling Time

Urine

Methanol

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

30 mg/l

Recommended monitoring

Methanol (CAS 67-56-1)

procedures

Follow standard monitoring procedures.

Derived no effect levels

(DNELs)

Not available.

Predicted no effect Not available.

concentrations (PNECs) **Exposure guidelines** 

**EU Exposure Limit Values: Skin designation** 

Methanol (CAS 67-56-1) Can be absorbed through the skin.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working

(Official Gazette of the Republic of Slovenia)

Methanol (CAS 67-56-1)

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) 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 easy access to water supply and eye wash facilities.

Can be absorbed through the skin.

Individual protection measures, such as personal protective equipment

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

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

equipment.

Eye/face protection Wear approved safety glasses or goggles.

Skin protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove - Hand protection

supplier.

Wear appropriate chemical resistant clothing, including apron and sleeves. Full body suit and - Other

boots are recommended when handling large volumes or in emergency situations.

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

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Observe any medical surveillance requirements. Always observe good personal hygiene Hygiene measures

measures, such as washing after handling the material and before eating, drinking, and/or smoking. Remove contaminated clothing. Contaminated work clothing should not be allowed out of

the workplace.

**Environmental exposure** 

controls

Inform appropriate managerial or supervisory personnel of all environmental releases.

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

## 9.1. Information on basic physical and chemical properties

Clear liquid. **Appearance** Physical state Liquid. Liquid. **Form** Colour Clear.

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

range

200,0 °C (392,0 °F) Flash point Not available. **Evaporation rate** 

Flammability (solid, gas) Not applicable. Upper/lower flammability or explosive limits

Flammability limit - lower

Not available

(%)

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(THAT) Part A 942292 Revision date: -Issue date: 22-January-2018 Flammability limit - upper

Not available.

Vapour pressure Not available. Vapour density Not available. Relative density Not available. Not available. Solubility(ies) Not available. Partition coefficient

(n-octanol/water)

Not available. **Auto-ignition temperature Decomposition temperature** Not available. Not available. **Viscosity Explosive properties** Not explosive. Not oxidising Oxidising properties

9.2. Other information

< 25 g/lVOC

## SECTION 10: Stability and reactivity

It reacts with hardening agents for epoxy resin, such as amine and acid anhydrides. It reacts 10.1. Reactivity

violently with excess hardening agents (in particular aliphatic amines), and generates heat.

10.2. Chemical stability Product reacts with curing agents for epoxy resin, such as amine and acid anhydrides.

10.3. Possibility of hazardous

reactions

Hazardous polymerization may occur with excess of aliphatic amine curing agent.

10.4. Conditions to avoid High temperatures. Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents. Strong bases (especially primary and secondary aliphatic amines).

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or 10.6. Hazardous

vapours. decomposition products

## **SECTION 11: Toxicological information**

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

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

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

Eye contact Causes serious eye irritation.

May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of Ingestion

occupational exposure.

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred **Symptoms** 

vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction.

Dermatitis. Rash.

## 11.1. Information on toxicological effects

**Acute toxicity** Not expected to be acutely toxic.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

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

May cause an allergic skin reaction. Skin sensitisation

Germ cell mutagenicity Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Carcinogenicity Based on available data, the classification criteria are not met. Reproductive toxicity Specific target organ toxicity -Based on available data, the classification criteria are not met.

single exposure

Specific target organ toxicity -

repeated exposure

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

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

Mixture versus substance

information

No information available.

Other information Symptoms may be delayed.

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## **SECTION 12: Ecological information**

**12.1. Toxicity** Harmful to aquatic life with long lasting effects.

**12.2. Persistence and**The product is not expected to be readily biodegradable.

degradability

**12.3. Bioaccumulative potential** Has the potential to bioaccumulate.

Partition coefficient Not available.

n-octanol/water (log Kow)

Bioconcentration factor (BCF) Not available.

**12.4. Mobility in soil**The product is not expected to adsorb to soil.

12.5. Results of PBT

and vPvB assessment

Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects**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

**Residual waste** 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).

**Contaminated packaging**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.

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

disposal company.

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

**Special precautions**Dispose in accordance with all applicable regulations.

Not applicable.

## **SECTION 14: Transport information**

**ADR** 

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

**IMDG** 

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of

MARPOL 73/78 and the IBC

Code

## **SECTION 15: Regulatory information**

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

## **EU** regulations

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

Not listed

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

Not listed.

Regulation (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.

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

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

Not listed

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

Not listed.

**Authorisations** 

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

Methanol (CAS 67-56-1)

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

work, as amended.

Not listed.

Other EU regulations

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

Methanol (CAS 67-56-1)

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Other regulations

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.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

## **SECTION 16: Other information**

List of abbreviations

DNEL: Derived No-Effect Level.

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

PEL: Permissible Exposure Limit. TWA: Time weighted average. VOC: Volatile organic compounds. STEL: Short-Term Exposure Limit. BCF: Bio Concentration Factor.

MAC: Maximum Allowed Concentration

TLV: Threshold Limit Value. VLE: Exposure Limit Value VME: Exposure Average Value

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany). MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).

HSDB® - Hazardous Substances Data Bank References

IARC Monographs. Overall Evaluation of Carcinogenicity

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 H-statements not written out in full under

Sections 2 to 15

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed. H311 Toxic in contact with skin. H315 Causes skin irritation.

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

H331 Toxic if inhaled.

H370 Causes damage to organs.

H411 Toxic to aquatic life with long lasting effects.

Follow training instructions when handling this material. Training information

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## Disclaimer

IdeaPaint 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 in the sheet was written based on the best knowledge and experience currently available.

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