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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 13.11.2019

Revision: 13.11.2019

	Identification of the substance/mixture and of the company/undertaking
For professiona	
	ntifier For professional use only
Trade name: <u>H</u>	
Application of t Surface Coating Surface Coating	entified uses of the substance or mixture and uses advised against Surface Coating he substance / the mixture
	ne supplier of the safety data sheet
Supplier:	te supplier of the safety and sheet
HMG PAINTS L	
	DRKS, COLLYHURST ROAD,
MANCHESTER UNITED KING	
TEL: +44 (0)16	
EMAIL: sales@	
Further inform	ation obtainable from: sales@hmgpaint.com
1.4 Emergency	telephone number: +44 (0)161 205 7631 (Business hours)
SECTION 2:	Hazards identification
	n at the substance or mixture
	on of the substance or mixture coording to Regulation (EC) No 1272/2008
Classification a	ccording to Regulation (EC) No 1272/2008
	ccording to Regulation (EC) No 1272/2008 H226 Flammable liquid and vapour.
Classification a Flam. Liq. 3	ccording to Regulation (EC) No 1272/2008
Classification a Flam. Liq. 3 Acute Tox. 4 Skin Irrit. 2	ccording to Regulation (EC) No 1272/2008 H226 Flammable liquid and vapour. H332 Harmful if inhaled. H315 Causes skin irritation.
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Hazard stat	ements
H226 Flam	nable liquid and vapour.
H332 Harm	ful if inhaled.
H315 Cause	es skin irritation.
H319 Cause	es serious eye irritation.
H335 May 6	cause respiratory irritation.
	cause damage to the hearing organs through prolonged or repeated exposure.
	ful to aquatic life with long lasting effects.
	iry statements
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P303+P361	<i>Y</i> +P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351	+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
2.3 Other h	azards
Results of H	PBT and vPvB assessment
DDT. Not a	nnlieghle

• **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

CAS: 1330-20-7 Xylene (mix) EINECS: 215-535-7 �� Flam. Liq. 3, H226; � STOT RE 2, H373; Asp.	>50-≤100%
Reg.nr.: 01-2119488216-32-xxxx H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H332	; Skin
CAS: 198028-08-9 Fatty acids, C18-unsatd., dimers, polyment isophthalic acid, tall-oil fatty acid triethylenetetramine Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic of 3, H412	rs with >25-≤50% ls and
CAS: 100-41-4 ethylbenzene EINECS: 202-849-4 Image: Comparison of the state of	. Tox. I, >10-≤25%
CAS: 78-83-1 isobutanol EINECS: 201-148-0 Image: Strain Stra	<i>Skin</i> >1-≤2.5%
CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-xxxx 3, H336; Aquatic Chronic 3, H412	≤1% RE 2, TOT SE

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SECTION 4: First aid measures

· 4.1 Description of first aid measures

- General information:
- Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Immediately rinse with water.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. • *After swallowing:*

Do not induce vomiting; call for medical help immediately and show safety datasheet or label.

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters
- *Protective equipment: Mount respiratory protective device.*

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
· 6.2 Environmental precautions:
Do not allow product to reach sewage system or any water course.
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
· 6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· 6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep receptacles tightly sealed. Ensure good ventilation/extraction at the workplace.

Prevent formation of aerosols.

• Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

• Requirements to be met by storerooms and receptacles: No special requirements.

- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed and in a well-ventilated place. Keep away from heat.
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

1330-20-7	Xylene	(mix)	
Long		value: 441 mg/m³, 100 ppm alue: 220 mg/m³, 50 ppm	
100-41-4 e	thylben	zene	
		value: 552 mg/m³, 125 ppm alue: 441 mg/m³, 100 ppm	
78-83-1 iso	obutano	l	
		value: 231 mg/m³, 75 ppm alue: 154 mg/m³, 50 ppm	
108-88-3 1	oluene		
		value: 384 mg/m³, 100 ppm alue: 191 mg/m³, 50 ppm	
· DNELs			
1330-20-7	Xylene	(mix)	
Dermal	DNEL	108 mg/day (Con) 180 mg/day (Ind)	
Inhalative	DNEL	14.8 mg/m³ (Con) 77 mg/m³ (Ind)	
78-83-1 iso	butano	l	
Oral	DNEL	25 mg/day (Con)	
Inhalative		55 mg/m ³ (Con)	
		310 mg/m ³ (Ind)	

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108-88-3 1	Toluene	(Contd. of page 4
Oral		8.13 mg/day (Con)
Dermal		226 mg/day (Con)
Dermai	DIVLL	384 mg/day (Ind)
x 1 1 .	DUEL	
Inhalative	DNEL	56.5 mg/m ³ (Con)
		192 mg/m ³ (Ind)
PNECs		
		7 Xylene mixed isomers
- Fresh wa		
- Marine w		8
- Intermitte - STP; 6.58		ase; 0.327 mg/l
		water); 12.46 mg/kg
		ewater); 12.46 mg/kg
- Soil; 2.31		ewaler), 12.40 mg/kg
		viological limit values:
-		-
1330-20-7		
		/mol creatinine
	edium: 1	
		time: post shift
		r: methyl hippuric acid ation: The lists valid during the making were used as basis.
Immediated Wash hand Store prote Avoid cont	ly remo ls before ective cl act with y prote	boodstuffs, beverages and feed. we all soiled and contaminated clothing e breaks and at the end of work. othing separately. In the eyes and skin. c tion: When spraying the product, use a respiratory protective device. ds:
MIS T	Protect	tive gloves
and varies resistance application Penetratio The exact observed.	on of th from n of the g n. n time of break th	s ne suitable gloves does not only depend on the material, but also on further marks of qualit manufacturer to manufacturer. As the product is a preparation of several substances, the love material can not be calculated in advance and has therefore to be checked prior to the of glove material prough time has to be found out by the manufacturer of the protective gloves and has to b
Eye protec	tion:	
	Tightly	sealed goggles

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SECTION 9: Physical and chemi	cal properties
• 9.1 Information on basic physical and cl • General Information	hemical properties
· Appearance: Form:	Liquid
Form: Colour:	Liquid Light yellow
· Odour:	<i>Characteristic</i>
· Odour threshold:	Not determined.
· pH-value:	Not determined.
• Change in condition Melting point/freezing point: Initial boiling point and boiling range:	Undetermined. 2136 °C
· Flash point:	24 °C
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	430 °C
• Decomposition temperature:	Not determined.
• Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air vapour mixtures are possible.
· Explosion limits:	
Lower:	1 Vol %
Upper:	7.8 Vol %
· Vapour pressure at 20 °C:	9.5 hPa
· Density at 20 °C:	0.915 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	NOT MISCIBLE
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic at 20 °C:	100 mPas
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	64.0 %
Solids content:	36.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.

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· 10.6 Hazardous decomposition products:

No dangerous decomposition products when stored and handled correctly

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- Acute toxicity Harmful if inhaled

1	таттуй у	innuie	u.			
·]	LD/LC50	values	relevant	for	classi	fication:

LD/LC50	ranacs	reterant joi	clussificano
1220 20 7	7 V 1	()	

1330-20-7	Xylene (m	ix)
Oral	LD50	5,000 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	11 mg/l (Rat)
100-41-4 e	thylbenzer	ie
Oral	LD50	3,500 mg/kg (rat)
Dermal	LD50	17,800 mg/kg (rbt)

78-83-1 isobutanol

Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rab)
108-88-31		
Oral	LD50	5,580 mg/kg (Rat)
Dermal	LD50	5,580 mg/kg (Rat) 5,000 mg/kg (Rab)
Inhalative	LC50/4 h	20 mg/l (Rat)

- Primary irritant effect:
- · Skin corrosion/irritation
- Causes skin irritation.
- · Serious eye damage/irritation
- Causes serious eye irritation.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- *Reproductive toxicity Based on available data, the classification criteria are not met.*
- · STOT-single exposure
- May cause respiratory irritation.
- · STOT-repeated exposure

May cause damage to the hearing organs through prolonged or repeated exposure.

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

SECTION 12: Ecological information

- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · Ecotoxical effects:
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. (Contd. of page 6)

^{· 12.1} Toxicity

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Harmful to aquatic organisms

- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

• 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport informat	
14.1 UN-Number	1111222
ADR, IMDG, IATA	UN1263
14.2 UN proper shipping name	
ADR	1263 PAINT RELATED MATERIAL
IMDG, IATA	PAINT RELATED MATERIAL
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
3	
Class	3 Flammable liquids.
Label	3
14.4 Packing group ADR, IMDG, IATA	III
	111
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	<i>F-E</i> , <u><i>S-E</i></u>
Stowage Category	A
14.7 Transport in bulk according to Anna	ex II of
Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (\widetilde{EQ})	Code: El
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E

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· IMDG · Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN ''Model Regulation'':	UN 1263 PAINT RELATED MATERIAL, 3, III

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· National regulations:

· Technical instructions (air):

Class	Share in %
NK	64.0

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Full text of H-Statements referred to under sections 2 and 3:

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

H373 May cause damage to the hearing organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

· Department issuing SDS: Product safety department: LABORATORY

· Contact: Health & Safety Officer

• Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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CAS: Chemical Abstracts Service (division of the American Chemical Society)	
DNEL: Derived No-Effect Level (REACH)	
PNEC: Predicted No-Effect Concentration (REACH)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
Flam. Lig. 2: Flammable liquids – Category 2	
Flam. Lig. 3: Flammable liquids – Category 3	
Acute Tox. 4: Acute toxicity – Category 4	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Eye Dam. 1: Serious eye damage/eye irritation – Category 1	
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
Repr. 2: Reproductive toxicity – Category 2	
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	
Asp. Tox. 1: Aspiration hazard – Category 1	
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3	