

Version 1.0	MSDS Number: H51270	Revision Date: 13.03.2015
SECTION 1: Identification of	the substance/mixture and o	f the company/undertaking
1.1 Product identifier		
Trade name	: BUMPER COLOR	
1.2 Relevant identified uses of t	he substance or mixture and us	es advised against
Use of the Sub- stance/Mixture	: Stonechip	
Recommended restrictions on use	: For use in industrial installati only.	ons or professional treatment
1.3 Details of the supplier of the	e safety data sheet	
Company	: Roberlo s.a. Ctra. Nacional II, Km. 706,5 17457 Riudellots de la Selva Spain	a
Telephone	: +34972478060	
Telefax	: +34972477394	
E-mail address of person responsible for the SDS	: msds@roberlo.com	

1.4 Emergency telephone number

+34 972 478060 (8:00-12:45 / 14:15-17:30 h) ROBERLO (Spain) (GMT + 1:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12 Flammable liquids, Category 2	72/2008) H225: Highly flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Reproductive toxicity, Category 2	H361: Suspected of damaging fertility or the un- born child if inhaled.
Specific target organ toxicity - single ex- posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.



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Specific target organ toxicity exposure, Category 2	•	373: May cause damag nged or repeated expo	ge to organs through pro- sure if inhaled.
Classification (67/548/EEC Highly flammable		11: Highly flammable.	
Toxic to Reproduction Categ	ory 3 R	63: Possible risk of har	m to the unborn child.
Harmful		48/20: Harmful: danger ealth by prolonged expo	of serious damage to osure through inhalation.
Irritant	R	38: Irritating to skin.	
		66: Repeated exposure r cracking.	e may cause skin dryness
		67: Vapours may cause ess.	e drowsiness and dizzi-

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Signal word:DangerHazard statements:H225 H361 Suspected of damaging fertility or the un- born child if inhaled. H373 May cause damage to organs through pro- longed or repeated exposure if inhaled. H319 H315 H366 H316 Causes skin irritation. H336H373 May cause damage to organs through pro- longed or repeated exposure if inhaled. H315 H315 H366Precautionary statements: Prevention: P210 Mean protective gloves/ protective clothing/ eye protection/ face protection. P260 Do not breathe vapours. P260 Do not breathe spray.P260 Response: P303 + P361 + P353 With water/shower. P370 + P378IF Con SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.	Hazard pictograms :		
 H361 Suspected of damaging fertility or the unborn child if inhaled. H373 May cause damage to organs through prolonged or repeated exposure if inhaled. H319 Causes serious eye irritation. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. Precautionary statements : Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P260 Do not breathe vapours. P260 Do not breathe spray. Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 	Signal word :	Danger	
Ionged or repeated exposure if inhaled.H319Causes serious eye irritation.H315Causes skin irritation.H336May cause drowsiness or dizziness.Precautionary statements:Prevention:P210P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.P280Wear protective gloves/ protective clothing/ eye protection/ face protection.P260Do not breathe vapours.P260Do not breathe spray.Response:P303 + P361 + P353P303 + P361 + P353IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.	Hazard statements :		Suspected of damaging fertility or the un-
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H315 H336Causes skin irritation. May cause drowsiness or dizziness.Precautionary statements:Prevention: P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280P280Wear protective gloves/ protective clothing/ eye protection/ face protection. P260P260Do not breathe vapours. P260P260Do not breathe spray.Response: P303 + P361 + P353IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.		H319	
Precautionary statements : Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P260 Do not breathe vapours. P260 Do not breathe spray. Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.		H315	
P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.P280Wear protective gloves/ protective clothing/ eye protection/ face protection.P260Do not breathe vapours.P260Do not breathe spray.Response:P303 + P361 + P353P303 + P361 + P353IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.		H336	May cause drowsiness or dizziness.
open flames and other ignition sources. No smoking.P280Wear protective gloves/ protective clothing/ eye protection/ face protection.P260Do not breathe vapours.P260Do not breathe spray.P260Do not breathe spray.P303 + P361 + P353IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.	Precautionary statements :	Prevention:	
eye protection/ face protection. P260 Do not breathe vapours. P260 Do not breathe spray. Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.		P210	open flames and other ignition sources. No
P260 Do not breathe spray. Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.		P280	Wear protective gloves/ protective clothing/
Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.		P260	Do not breathe vapours.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water/shower.		P260	Do not breathe spray.
ately all contaminated clothing. Rinse skin with water/shower.		Response:	
with water/shower.		P303 + P361 + P3	
P370 + P378 In case of fire: Use dry sand, dry chemical			
		P370 + P378	In case of fire: Use dry sand, dry chemical



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	01	or alcoho	I-resistant foam to extinguish.
	Storage: P403 Disposal:	Store in a	a well-ventilated place.
	P501		of contents/ container to an ap- aste disposal plant.

Hazardous components which must be listed on the label:

toluene

ethyl acetate

xylene (mixture of isomers)

acetone

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Paint

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
toluene	108-88-3 203-625-9 01- 2119471310-51	F; R11 Repr.Cat.3; R63 Xn; R48/20-R65 Xi; R38 R67	Flam. Liq.2; H225 Skin Irrit.2; H315 Repr.2; H361 STOT SE3; H336 STOT RE2; H373 Asp. Tox.1; H304	>= 20 - < 30
ethyl acetate	141-78-6 205-500-4 01- 2119475103-46	F; R11 Xi; R36 R66 R67	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 10 - < 15
xylene (mixture of iso- mers)	1330-20-7 215-535-7 01- 2119488216-32	R10 Xn; R20/21 Xi; R38	Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315 Eye Irrit.2; H319 STOT SE3; H335 STOT RE2; H373	>= 5 - < 10



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acetone	67-64-1	F; R11	Asp. Tox.1; H304 Flam. Liq.2; H225	>= 3 - < 10
	200-662-2 01- 2119471330-49	Xi; R36 R66 R67	Eye Irrit.2; H319 STOT SE3; H336	
ethylbenzene	100-41-4 202-849-4	F; R11 Xn; R20	Flam. Liq.2; H225 Acute Tox.4; H332 STOT RE2; H373 Asp. Tox.1; H304	>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid me	asures
General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	 Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	 Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.
4.2 Most important symptoms	and effects, both acute and delayed
Symptoms	 Inhalation may provoke the following symptoms: Headache Dizziness Fatigue Weakness Skin contact may provoke the following symptoms: Redness Ingestion may provoke the following symptoms: Abdominal pain Nausea



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	Vomiting Diarrhoea			
4.3 Indication of any immediate r Treatment	medical attention and special tr : No information available.	eatment needed		
SECTION 5: Firefighting meas	sures			
5.1 Extinguishing media				
Suitable extinguishing media	: Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical			
Unsuitable extinguishing media	: High volume water jet	: High volume water jet		
5.2 Special hazards arising from	the substance or mixture			
Specific hazards during fire- fighting	: Do not use a solid water stre fire.	am as it may scatter and spread		
Hazardous combustion prod- ucts	: No hazardous combustion pr	roducts are known		
5.3 Advice for firefighters				
Special protective equipment for firefighters	: In the event of fire, wear self	-contained breathing apparatus.		
Further information	: Use water spray to cool unop For safety reasons in case of rately in closed containments	f fire, cans should be stored sepa-		

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	 Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas
	tions. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains.
		Prevent further leakage or spillage if safe to do so.



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6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1 Treedddons for Safe Hananing	
Advice on safe handling	 Avoid exceeding of the given occupational exposure limits (see section 8). Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Container may be opened only under exhaust ventilation hood.
Advice on protection against fire and explosion	: Avoid formation of aerosol. Keep away from sources of igni- tion - No smoking. Take measures to prevent the build up of electrostatic charge.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2 Conditions for safe storage, in	cluding any incompatibilities
Requirements for storage areas and containers	: No smoking. Store in cool place. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.
Storage period	: 12 Months

Other data

7.3 Specific end use(s)

Specific use(s) : For the use of this product do not exist particular recommendations apart from that already indicated.

: No decomposition if stored and applied as directed.



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form	Control parameters	Basis
		of exposure)		
toluene	108-88-3	TWA	50 ppm 192 mg/m3	2006/15/EC
Further information	Identifies the	possibility of signification	ant uptake through the skin, I	ndicative
toluene	108-88-3	STEL	100 ppm 384 mg/m3	2006/15/EC
Further information	Identifies the	possibility of signification	ant uptake through the skin, I	ndicative
toluene	108-88-3	TWA	50 ppm 191 mg/m3	GB EH40
Further information			e assigned substances are t	
			sorption will lead to systemic	
toluene	108-88-3	STEL	100 ppm 384 mg/m3	GB EH40
Further information			e assigned substances are t sorption will lead to systemic	
Talc	Talc	TWA (Respirable	1 mg/m3	GB EH40
(Mg3H2(SiO3)4)	Taic	dust)	T mg/m3	GD LT 140
Further information	For the purpo	/	espirable dust and inhalable	duct are these
	sampling and defined as the ing chlorite an bole asbestos hazardous to in air equal to mg.m-3 8-hou ject to COSHI been assigned appropriate lin sizes. The bell into the huma pend on the n tions for limit- dust approxim mouth during tory tract. Res gas exchange are given in N own assigned	gravimetric analysis mineral talc togethe d carbonate materia and crystalline silica health includes dust or greater than 10 m or TWA of respirable H if people are exposed specific WELs and mit., Most industrial of haviour, deposition a n respiratory system ature and size of the setting purposes term tates to the fraction of breathing and is the spirable dust approxi e region of the lung. I IDHS14/3., Where d WEL, all the relevant term exposure limit uld be used	escribed in MDHS14/3 Gene of respirable and inhalable of er with other hydrous phyllosi als which occur with it, but exe a., The COSHH definition of a of any kind when present at ng.m-3 8-hour TWA of inhala dust. This means that any du sed above these levels. Som exposure to these must com dusts contain particles of a wi and fate of any particular part and the body response that e particle. HSE distinguishes med 'inhalable' and 'respirabl of airborne material that ente refore available for deposition mates to the fraction that per fuller definitions and explana usts contain components that is listed, a figure three times	dust, Talc is licates includ- cluding amphi- a substance a concentration ble dust or 4 ust will be sub- e dusts have oply with the de range of icle after entry it elicits, de- two size frac- e'., Inhalable rs the nose and n in the respira- netrates to the tory material t have their with., Where no the long-term
ethyl acetate	141-78-6	TWA	200 ppm	GB EH40
ethyl acetate	141-78-6	STEL	400 ppm	GB EH40
xylene (mixture of	1330-20-7	TWA	50 ppm	GB EH40



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isomers)			220 mg/m3	I
Further information				ances are those for whi
		cerns that dermal ab		to systemic toxicity.
xylene (mixture of	1330-20-7	STEL	100 ppm	GB EH40
isomers)			441 mg/m3	
Further information				ances are those for whi
	there are cor	ncerns that dermal ab	sorption will lead t	to systemic toxicity.
xylene (mixture of	1330-20-7	TWA	50 ppm	2000/39/E0
isomers)			221 mg/m3	
Further information	Identifies the	possibility of signification	ant uptake through	h the skin, Indicative
xylene (mixture of	1330-20-7	STEL	100 ppm	2000/39/E0
isomers)			442 mg/m3	
Further information	Identifies the	possibility of signification	ant uptake through	h the skin, Indicative
acetone	67-64-1	TWA	500 ppm	2000/39/E0
			1,210 mg/m3	
Further information	Indicative			
acetone	67-64-1	TWA	500 ppm	GB EH40
			1,210 mg/m3	
acetone	67-64-1	STEL	1,500 ppm	GB EH40
			3,620 mg/m3	
ethylbenzene	100-41-4	TWA	100 ppm	2000/39/E0
			442 mg/m3	
Further information	Identifies the	possibility of signification		h the skin, Indicative
ethylbenzene	100-41-4	STEL	200 ppm	2000/39/E0
,			884 mg/m3	
Further information	Identifies the	possibility of signification		the skin, Indicative
ethylbenzene	100-41-4	TWA	100 ppm	GB EH40
,			441 mg/m3	
Further information	Can be abso	rbed through skin. Th		ances are those for whi
		cerns that dermal ab		
ethylbenzene	100-41-4	STEL	125 ppm	GB EH40
,	-		552 mg/m3	
Further information	Can be abso	rbed through skin Th		ances are those for whi
		cerns that dermal ab		

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
	1330-20-7	methyl hippuric	Post shift	GB EH40
		acid: 650mmol/mol		BAT
		creatinine		
		(Urine)		

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

toluene	: End Use: Workers Exposure routes: Inhalation
	Potential health effects: Long-term systemic effects
	Value: 147 mg/m3
ethyl acetate	: End Use: Workers
	Exposure routes: Inhalation
	Potential health effects: Long-term systemic effects
	Value: 734 mg/m3
xylene	: End Use: Workers



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acetone ethylbenzene	 Exposure routes: Inhalation Potential health effects: Lon Value: 77 mg/m3 End Use: Workers Exposure routes: Inhalation Potential health effects: Lon Value: 1210 mg/m3 End Use: Workers Exposure routes: Inhalation Potential health effects: Lon Value: 77 mg/m3 	g-term systemic effects
8.2 Exposure controls		
Personal protective equip	ment	
Eye protection	: Eye wash bottle with pure wa Tightly fitting safety goggles	ter
Hand protection		
Remarks		EU Directive 89/686/EEC and from it. Before removing gloves
Skin and body protection	: impervious clothing Choose body protection acco tration of the dangerous subs	rding to the amount and concen- tance at the work place.
Respiratory protection	: In the case of vapour formatic proved filter.	on use a respirator with an ap-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid, viscous
Colour	: black
Odour	: characteristic
Melting point/range	: not applicable
Boiling point/boiling range	: 56.2 °C (7.6 hPa)
Flash point	: -4 °C Method: ISO 1523, closed cup Setaflash
Upper explosion limit	: 9.1 %(V)



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	(25 °C)	
Lower explosion limit	: 1.6 %(V) (25 °C)	
Vapour pressure	: 54.7 hPa (20 °C)	
	270 hPa (50 °C)	
Density	: 1.15 g/cm3 (20 °C) Method: ISO 2811-1	
Solubility(ies) Water solubility	: immiscible	
Auto-ignition temperature	: 491 °C	
Viscosity Viscosity, dynamic	: 150,000 mPa.s (20 °C) Method: ISO 2555	
Viscosity, kinematic	: > 20 mm2/s (40 °C)	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if used as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid

: Strong acids and oxidizing agents



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10.6 Hazardous decomposition products

Hazardous decomposition	: Nitrogen oxides (NOx)
products	Halogenated compounds

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product:		
Acute inhalation toxicity	:	Acute toxicity estimate : > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate : > 2,000 mg/kg Method: Calculation method
Components:		
toluene: Acute inhalation toxicity	:	LC50 (rat): 28.1 mg/l Exposure time: 4 h Method: OECD Test Guideline 403
ethyl acetate: Acute oral toxicity	:	LD50 Oral (rat): 5,620 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (rat): 44 mg/l Exposure time: 4 h Method: OECD Test Guideline 403
Acute dermal toxicity	:	LD50 (rabbit): 18,000 mg/kg Method: OECD Test Guideline 402
xylene (mixture of isomers):		
Acute oral toxicity	:	LD50 Oral (rat): 4,300 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (rat): 22.08 mg/l Exposure time: 4 h Method: OECD Test Guideline 403
Acute dermal toxicity	:	Acute toxicity estimate : 1,100 mg/kg Method: Converted acute toxicity point estimate
acetone: Acute oral toxicity		LD50 Oral (rat): 5,800 mg/kg
, iouto oral toxioity	•	



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	Method: OECD Test Guideline 401	
Acute inhalation toxicity	: LC50 (rat): 100.2 mg/l Exposure time: 4 h Method: OECD Test Guideline 403	
Acute dermal toxicity	: LD50 (rabbit): 20,000 mg/kg	
	Method: OECD Test Guideline 402	
ethylbenzene: Acute oral toxicity	: LD50 Oral (rat): 3,500 mg/kg Method: OECD Test Guideline 401	
Acute inhalation toxicity	: LC50 (rat): 17.4 mg/l Exposure time: 4 h Method: OECD Test Guideline 403	
Acute dermal toxicity	: LD50 (rabbit): 15,400 mg/kg Method: OECD Test Guideline 402	
Skin corrosion/irritation		
Product:		
Pomarka: May causo skip ji	rritation and/or dormatitic	
Remarks: May cause skin i	rritation and/or dermatitis.	
Remarks: May cause skin in Serious eye damage/eye i		
·	rritation	
Serious eye damage/eye i Product: Remarks: Severe eye irritat	rritation	
Serious eye damage/eye i Product: Remarks: Severe eye irritat	rritation ion use irritation to the eyes, respiratory system and the skin.	
Serious eye damage/eye i <u>Product:</u> Remarks: Severe eye irritat Remarks: Vapours may cau Respiratory or skin sensit <u>Product:</u>	rritation ion use irritation to the eyes, respiratory system and the skin.	
Serious eye damage/eye i <u>Product:</u> Remarks: Severe eye irritat Remarks: Vapours may cau Respiratory or skin sensit <u>Product:</u>	rritation ion use irritation to the eyes, respiratory system and the skin. t isation	
Serious eye damage/eye i Product: Remarks: Severe eye irritat Remarks: Vapours may cau Respiratory or skin sensit Product: Remarks: Based on availab Germ cell mutagenicity Product:	rritation ion use irritation to the eyes, respiratory system and the skin. t isation	ot met.
Serious eye damage/eye i Product: Remarks: Severe eye irritat Remarks: Vapours may cau Respiratory or skin sensit Product: Remarks: Based on availab Germ cell mutagenicity Product: Germ cell mutagenicity- As-	rritation ion use irritation to the eyes, respiratory system and the skin. tisation le data, the classification criteria are not met.	ot met.
Serious eye damage/eye i Product: Remarks: Severe eye irritat Remarks: Vapours may cau Respiratory or skin sensit Product: Remarks: Based on availab Germ cell mutagenicity Product: Germ cell mutagenicity- As- sessment	rritation ion use irritation to the eyes, respiratory system and the skin. tisation le data, the classification criteria are not met.	ot met.



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Reproductive toxicity

Product:

Reproductive toxicity - As- : Suspected of damaging the unborn child. sessment

STOT - single exposure

Product:

Target Organs: Central nervous system Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

STOT - repeated exposure

Product:

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration toxicity

Product:

No aspiration toxicity classification

Further information

Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

<u>Components:</u> ethyl acetate:		
Toxicity to fish	:	LC50 (Fish): 212 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia): 164 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	:	EC50 (Algae): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201



xylene (mixture of isomers):Toxicity to fish: LC50 (Fish): 14 mg/l Exposure time: 96 h Method: OECD Test Guideline 203Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia): 16 mg/l Exposure time: 48 h Method: OECD Test Guideline 202acetone:: LC50 (Fish): 5,540 mg/l Exposure time: 96 h Method: OECD Test Guideline 203		
aquatic invertebrates Exposure time: 48 h Method: OECD Test Guideline 202 acetone: Toxicity to fish : LC50 (Fish): 5,540 mg/l Exposure time: 96 h		
Toxicity to fish : LC50 (Fish): 5,540 mg/l Exposure time: 96 h		
Toxicity to fish : LC50 (Fish): 5,540 mg/l Exposure time: 96 h		
Toxicity to daphnia and other aquatic invertebratesEC50 (Daphnia): 12,100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202		
ethylbenzene:		
Toxicity to fish : LC50 (Fish): 12 mg/l Exposure time: 96 h Method: OECD Test Guideline 203		
Toxicity to daphnia and other : EC50 (Daphnia): 1.8 mg/l aquatic invertebrates : EC50 (Daphnia): 1.8 mg/l Exposure time: 48 h Method: OECD Test Guideline 202		
Toxicity to algae : EC50 (Algae): 33 mg/l Exposure time: 72 h Method: OECD Test Guideline 201		
12.2 Devoictones and degradability		
12.2 Persistence and degradability No data available		
12.3 Bioaccumulative potential No data available		
12.4 Mobility in soil		
No data available		
12.5 Results of PBT and vPvB assessment		
Product:		
Assessment : This substance/mixture contains no components consid to be either persistent, bioaccumulative and toxic (PBT) very persistent and very bioaccumulative (vPvB) at leve 0.1% or higher.), or	
12.6 Other adverse effects		
Product:		
Additional ecological infor- : There is no data available for this product.		



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mation

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	: Do not dispose of waste into sewer.
	Do not contaminate ponds, waterway
	cal or used container.
	Offer surplus and non-recyclable solu
	posal company.

	posal company.
Contaminated packaging	 Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

Do not contaminate ponds, waterways or ditches with chemi-

Offer surplus and non-recyclable solutions to a licensed dis-

SECTION 14: Transport information

14.1 UN number

ADR	: UN 1263
IMDG	: UN 1263
ΙΑΤΑ	: UN 1263
14.2 UN proper shipping name	
ADR	: PAINT
IMDG	: PAINT
ΙΑΤΑ	: Paint
14.3 Transport hazard class(es)	
ADR	: 3
IMDG	: 3
ΙΑΤΑ	: 3
14.4 Packing group	
ADR Packing group Classification Code Hazard Identification Number Labels	Transport in accordance with the exemption of 2.2.3.1.4. III F1 33 3
IMDG Packing group Labels EmS Code	Transport in accodance with the exemption of 2.3.2.2. : III : 3 : F-E, <u>S-E</u>



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ΙΑΤΑ		
Packing instruction (cargo aircraft)	: 366	
Packing instruction (LQ) Packing group	: Y344 : III	
Labels	: Flammable Liquids	
14.5 Environmental hazards		
ADR Environmentally hazardous	: no	
IMDG Marine pollutant	: no	
14.6 Special precautions for use not applicable	er	
14.7 Transport in bulk accordin Not applicable for product as	g to Annex II of MARPOL 73/78 a supplied.	and the IBC Code

SECTION 15: Regulatory information

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P5c		FLAMMABLE LIQUIDS	5,000 t	50,000 t
Volatile organic compounds	:	506 g/l		
Directive 2004/42/EC	:	Special finishes (840 g/l)		
Other regulations	:	The product is classified and la directives or respective nation		ance with EC

15.2 Chemical Safety Assessment

not applicable

SECTION 16: Other information

Full text of R-Phrases

R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.



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R63	Possible risk of harm to the unborn ch	ild		
R65	Harmful: may cause lung damage if sy			
R66				
R67	Repeated exposure may cause skin dryness or cracking.			
	vapours may cause drowsiness and o	Vapours may cause drowsiness and dizziness.		
Full text of H-St	atements			
H225	Highly flammable liquid and vapour.			
H226	Flammable liquid and vapour.			
H304	May be fatal if swallowed and enters a	airwavs.		
H312	Harmful in contact with skin.			
H315	Causes skin irritation.			
H319	Causes serious eye irritation.			
H332	Harmful if inhaled.			
H335	May cause respiratory irritation.			
H336	May cause drowsiness or dizziness.			
H361	Suspected of damaging fertility or the	unborn child if inhaled		
H373	May cause damage to organs through			
11070	if inhaled.			

Further information

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.