MODE for #02017 - NEW MASTERS MEDIUMS

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Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 21-02-2014 Revision date: Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking						
1.1. Product identifier						
Product form	: Mixture					
Product name	: UV resistant varnish satin	: UV resistant varnish satin				
Product code	: 981	: 981				
1.2. Relevant identified	l uses of the substance or mixture and uses advi	ised against				
1.2.1. Relevant identified	luses					
Industrial/Professional use spo	ec : Industrial For professional use only					
Use of the substance/mixture	: Varnish					
1.2.2. Uses advised agai	nst					
No additional information avai	lable					
1.3. Details of the supp	lier of the safety data sheet					
Old Holland Classic Colours Since 1664 Nijendal 36 3972 KC Driebergen Rijsenburg - Nederland T 0031 343 518 224 - F 0031 343 516 342 <u>info@oldholland.com</u> - <u>www.oldholland.com</u>						
1.4. Emergency telepho	one number					
Country	Organisation/Company	Address	Emergency number			
NETHERLANDS	Nationaal Vergiftigingen Informatie Centrum National Institute for Public Health and the Environment, NB this service is only available to health professionals	Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht	+31 30 274 88 88			
SECTION 2: Hazards identification						

Country	Organisation/Company	Address	Emergency number
NETHERLANDS	Nationaal Vergiftigingen Informatie Centrum National Institute for Public Health and the Environment, NB this service is only available to health professionals	Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht	+31 30 274 88 88

GHS07

GHS08

GHS09

Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225 Skin Sens. 1 H317 STOT SE 3 H336 Asp. Tox. 1 H304 Aquatic Chronic 2 H411

2.1.

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Hazai	u pictograms (CLP)	, Me		¥.
	Iling according to Regulation (EC rd pictograms (CLP)			
2.2.	Label elements			
No ad	ditional information available			
Adve	rse physicochemical, human hea	alth and environmental effe	ects	
Full te	ext of R-phrases: see section 16			
R67				
R66				
N; R5	1/53			
R43				
Xn; R	65			
F; R1	1			

GHS02

EN (English)

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Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Signal word (CLP)	: Danger
Hazardous ingredients	 reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω- hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyloxypoly(oxyethylene)
Hazard statements (CLP)	 H225 - Highly flammable liquid and vapour H304 - May be fatal if swallowed and enters airways H317 - May cause an allergic skin reaction H336 - May cause drowsiness or dizziness H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P261 - Avoid breathing vapours, mist, spray P273 - Avoid release to the environment P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, doctor P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P331 - Do NOT induce vomiting
EUH phrases	: EUH066 - Repeated exposure may cause skin dryness or cracking
2.3. Other hazards	

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2.	Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	< 75	Xn; R65 N; R51/53 R10 R66 R67
Solventnaphta 170	(CAS No) 64742-95-6 (EC no) 918-668-5 (REACH-no) 01-2119455851-35	10 - 25	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67
reaction mass of α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -hydroxypoly(oxyethylene) and α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)	(EC no) 400-830-7 (EC index no) 607-176-00-3 (REACH-no) 01-0000015075-76	1 - 5	R43 N; R51/53
SILICA	(CAS No) 7631-86-9 (EC no) 231-545-4	1 - 5	Not classified
methanol	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	< 1	F; R11 T; R23/24/25 T; R39/23/24/25
Name	Product identifier	Specific con	centration limits
methanol	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	(3 =< C < 20) × (3 =< C < 10) × (10 =< C) T;R3 (20 =< C) T;R2	(n;R68/20/21/22 9/23/24/25
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	< 75	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Solventnaphta 170	(CAS No) 64742-95-6 (EC no) 918-668-5 (REACH-no) 01-2119455851-35	10 - 25	Flam. Liq. 3, H226 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3- (3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert- butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)	(EC no) 400-830-7 (EC index no) 607-176-00-3 (REACH-no) 01-0000015075-76	1 - 5	Skin Sens. 1, H317 Aquatic Chronic 2, H411
SILICA	(CAS No) 7631-86-9 (EC no) 231-545-4	1 - 5	Acute Tox. 2 (Inhalation:dust,mist), H330
methanol	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	< 1	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370
Name	Product identifier	Specific c	oncentration limits
thanol (CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X			0) STOT SE 2, H371 TOT SE 1, H370

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Was contaminated clothing before reuse. Repeated exposure may cause skin dryness or cracking.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms and effective	ets, both acute and delayed
Symptoms/injuries after inhalation	: May cause an allergic skin reaction. May cause drowsiness or dizziness.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.
4.3. Indication of any immediate medica	I attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the su	bstance or mixture
Fire hazard	: Highly flammable liquid and vapour.
Explosion hazard	: May form flammable/explosive vapour-air mixture.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release mea	
	uipment and emergency procedures
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection. Avoid breathing vapors, mist, spray.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
•	y authorities if liquid enters sewers or public waters. Avoid release to the environment.
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6.3. Methods and material for containm	pent and cleaning up
Methods for cleaning up	 Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store aways from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and persona	al protection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation or vapour. No naked lights. No smoking. Use only non-sparking tools. Avoid breathing vapors, mist spray. Use only outdoors or in a well-ventilated area.
Hygiene measures	 Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, includ	ling any incompatibilities
Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Explosion-free electrical equipment and lighting with earth.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep in fireproof place. Keep container tightly closed.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/per	sonal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Personal protective equipment	: Avoid all unnecessary exposure. Insufficient ventilation: wear respiratory protection. Gloves. Safety glasses.
Hand protection	Wear protective gloves. Since the product consists of several substances, it is possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use. Gloves must be replaced aftereach use and whenever signs of wear of perforation appear.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Wear respiratory protection.
Other information	: Do not eat, drink or smoke during use.
SECTION 9: Physical and chemical	properties
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Highly flammable liquid and vapour
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Viscosity, kinematic	: No data available	
Solubility Log Pow	: No data available : No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidising properties	: No data available	
Explosive limits	: No data available	
9.2. Other information		
No additional information available		
SECTION 10: Stability and reactivit	ty	
10.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Not established. Highly flammable liquid and v	apour. May form flammable/explosive vapour-air mixture.	
10.3. Possibility of hazardous reactions	\$	
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low tempera	tures. Open flame.	
10.5. Incompatible materials	•	
Strong acids. Strong bases.		
10.6. Hazardous decomposition produc	to .	
ume. Carbon monoxide. Carbon dioxide. May		
SECTION 11: Toxicological inform	ation	
11.1. Information on toxicological effec		
Information on toxicological effect Acute toxicity	ts : Not classified	
Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk	ts : Not classified anes, cyclic, aromatic compounds (2-25%)	
Information on toxicological effect Acute toxicity	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg	
Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat	ts : Not classified anes, cyclic, aromatic compounds (2-25%)	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight	
Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 ppmV/4h	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases) ATE (vapours) ATE (dust,mist)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 ppmV/4h 3,000 mg/l/4h	
1.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases) ATE (dust,mist) Solventnaphta 170 (64742-95-6)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases) ATE (vapours) ATE (dust,mist)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 ppmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 oral rat	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 oral rat LD50 oral rat	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 0,000 mg/kg bodyweight 300,000 mg/kg bodyweight 0,500 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg bodyweight	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (dermal) ATE (dess) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg	
1.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (dermal) ATE (gases) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral) Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 oral rat	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg bodyweight > 5110 mg/kg	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (dermal) ATE (deses) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 dermal rabbit	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg bodyweight > 5110 mg/kg > 5000 mg/kg	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (gases) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 dermal rat LD50 dermal rat Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 dermal rabbit LD50 dermal rabbit LD50 dermal rabbit ATE (oral)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg 3592,000 mg/kg bodyweight > 5110 mg/kg > 5000 mg/kg 0,139 mg/l/4h	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (dermal) ATE (dermal) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral) Solventnaphta 170 (64742-95-6) LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 dermal rabbit LC50 inhalation rat (Dust/Mist - mg/l/4h) ATE (dust,mist)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 0,000 mg/kg bodyweight 300,000 mg/kg bodyweight 0,500 mg/l/4h 0,500 mg/kg > 3160 mg/kg > 5110 mg/kg > 5000 mg/kg bodyweight 0,139 mg/l/4h 0,139 mg/l/4h	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (dermal) ATE (dermal) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 oral rat LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 dermal rabbit LC50 inhalation rat (Dust/Mist - mg/l/4h) ATE (dust,mist)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 0,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg 3592,000 mg/kg bodyweight > 5110 mg/kg > 5000 mg/kg 0,139 mg/l/4h 0,139 mg/l/4h 1,139 mg/l/4h : Not classified	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (dermal) ATE (dermal) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 oral rat LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 dermal rabbit LC50 inhalation rat (Dust/Mist - mg/l/4h) ATE (dust,mist)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 pmV/4h 3,000 mg/l/4h 0,500 mg/kg 3592 mg/kg > 3160 mg/kg 3592,000 mg/kg bodyweight > 5110 mg/kg > 5000 mg/l/4h 0,139 mg/l/4h 0,139 mg/l/4h : Not classified Repeated exposure may cause skin dryness or cracking	
Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (oral) ATE (dermal) ATE (dermal) ATE (gases) ATE (vapours) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 oral rat LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (Dust/Mist - mg/l/4h)	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 pmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg 3592,000 mg/kg bodyweight > 5110 mg/kg > 5000 mg/kg 0,139 mg/l/4h 0,139 mg/l/4h 1 0,139 mg/l/4h 2 Not classified Repeated exposure may cause skin dryness or cracking : Not classified	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (dermal) ATE (dermal) ATE (dess) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 oral rat LD50 dermal rabbit ATE (oral) SILICA (7631-86-9) LD50 dermal rabbit LC50 inhalation rat (Dust/Mist - mg/l/4h) ATE (dust,mist) Skin corrosion/irritation Serious eye damage/irritation	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 ppmV/4h 3,000 mg/l/4h 0,500 mg/l/4h	
11.1. Information on toxicological effect Acute toxicity Hydrocarbons, C9-C12, n-alkanes, iso-alk LD50 oral rat LD50 dermal rat methanol (67-56-1) ATE (oral) ATE (dermal) ATE (deses) ATE (dust,mist) Solventnaphta 170 (64742-95-6) LD50 oral rat SklicA (7631-86-9) LD50 oral rat LD50 oral rat Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation	ts : Not classified anes, cyclic, aromatic compounds (2-25%) > 5000 mg/kg > 4 mg/kg 100,000 mg/kg bodyweight 300,000 mg/kg bodyweight 300,000 mg/kg bodyweight 700,000 ppmV/4h 3,000 mg/l/4h 0,500 mg/l/4h 3592 mg/kg > 3160 mg/kg > 5110 mg/kg > 5000 mg/kg bodyweight > 5110 mg/kg > 5000 mg/kg 0,139 mg/l/4h 0,139 mg/l/4h : Not classified Repeated exposure may cause skin dryness or cracking : Not classified Repeated exposure may cause skin dryness or cracking : Not classified Based on available data, the classification criteria are not met : May cause an allergic skin reaction.	

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UV resistant varnish satin

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Carcinogenicity	: Not classified
	Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
	Based on available data, the classification criteria are not met
specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
specific target organ toxicity (repeated	: Not classified
xposure)	Based on available data, the classification criteria are not met
spiration hazard	: May be fatal if swallowed and enters airways.
Potential Adverse human health effects and ymptoms	: Based on available data, the classification criteria are not met.
Other information	: Risk of aspiration pneumonia.
SECTION 12: Ecological informatio	n
2.1. Toxicity	
cology - water	: Toxic to aquatic life with long lasting effects.
Hydrocarbons, C9-C12, n-alkanes, iso-alka	nes, cyclic, aromatic compounds (2-25%)
EC50 Daphnia 1	7,8 g/l
EC50 other aquatic organisms 1	3,59 g/l
Solventnaphta 170 (64742-95-6)	
LC50 fishes 1	9,2 mg/l
EC50 Daphnia 1	3,2 mg/l
ErC50 (algae)	2,6 - 2,9 mg/l
NOEC chronic fish	1,23 mg/l
SILICA (7631-86-9)	
LC50 fishes 1	> 10000 mg/l
EC50 Daphnia 1	> 1000 mg/l
ErC50 (algae)	>= 10000 mg/l
	-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- enyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- ene)
LC50 fishes 1	2,8 mg/l
EC50 Daphnia 1	4 mg/l
ErC50 (algae)	> 9 mg/l
2.2. Persistence and degradability	
UV resistant varnish satin	
of rooistant farmon satin	May cause long-term adverse effects in the environment.

12.3.	Bioaccumulative potential	
UV res	UV resistant varnish satin	
Bioacc	umulative potential	Not established.
12.4.	Mobility in soil	
No addit	ional information available	
12.5.	Results of PBT and vPvB assessment	
No addit	ional information available	
12.6.	Other adverse effects	
	:	Avoid release to the environment

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste disposal recommendations	 Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to to an authorized waste treatment plant. 	
Additional information	: Handle empty containers with care because residual vapours are flammable.	
Ecology - waste materials	: Avoid release to the environment. Hazardous waste due to toxicity.	

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SECTION 14: Transport information

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

In accordance with ADR / RID / IMDG / IATA /	ADN
14.1. UN number	
JN-No (ADR)	: 1263
JN-No.(IATA)	: 1263
JN-No. (IMDG)	: 1263
JN-No.(ADN)	: 1263
4.2. UN proper shipping name	
Proper Shipping Name	: PAINT / PAINT RELATED MATERIAL
ransport document description	: UN 1263 PAINT / PAINT RELATED MATERIAL, 3, III, (D/E)
4.3. Transport hazard class(es)	
Class (UN)	: 3
Classification code (UN)	: F1
Class (IATA)	: 3
Class (IMDG)	: 3
Class (ADN)	: 3
Hazard labels (UN)	: 3
4.4. Packing group	
Packing group (UN)	: III
4.5. Environmental hazards	
Dangerous for the environment	: Yes
<i>N</i> arine pollutant	: Yes
Other information	: No supplementary information available.
4.6. Special precautions for user	
4.6.1. Overland transport	
lazard identification number (Kemler No.)	: 30
Classification code (UN)	: F1
Orange plates	30 1263
Special provision (ADR)	: 163, 650, 640E
ransport category (ADR)	: 3
unnel restriction code	: D/E
imited quantities (ADR)	: 5L
Excepted quantities (ADR)	: E1
AC code	: •3YE
4.6.2. Transport by sea No additional information available	
4.6.3. Air transport No additional information available	
4.6.4. Inland waterway transport	
No additional information available	
4.7. Transport in bulk according to An	nex II of MARPOL 73/78 and the IBC Code
lot applicable	
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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

15.1. Safety, health and environm	nental regulations/legislation specific for the substance or mixture
15.1.1. EU-Regulations	
No REACH Annex XVII restrictions Contains no REACH candidate substan	ce
Seveso Information	:
15.1.2. National regulations	
No additional information available	
15.2. Chemical safety assessmer	nt
No chemical safety assessment has be	en carried out
SECTION 16: Other information	on and a second s
Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixturejs, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Abbreviations and acronyms	: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road). ATE: Acute Toxicity Estimated. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling and Packaging. CMR: Carcinogeen, Mutageen, Reprotoxisch . CSA: Chemical Safety Assessment . CSR: Chemical Safety Report . DNEL: Derived No Effect Level (for human). EC50: Median Effective Concentration (required to induce 50% effect). EINECS: European Inventory of Existing Commercial Chemical Substances. GHS: Globally Harmonized System of Classification and Labelling of Chemicals. IATA: International A Transport Association. IMDG: International Maritime Code for Dangerous Goods. LC50: Lethal concentration, 50 percent. LD50: Lethal dose, 50 percent . PBT: Persistent, Bio accumulating and Toxic. PNEC: Predicted No Effect Concentration (for environment) . REACH: Registration, Evaluation and Authorisation of Chemical substances . RID: Règlement international concernar le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail). SVHC: Substances of Very High Concerr . vPvB: very Persistent, very Bio accumulating.
Other information	 DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is use as a component in another product, this SDS information may not be applicable. REACH Disclaimer: This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date ar Version number).
Full text of R-, H- and EUH-phrases::	
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Skin Sens. 1	Sensitisation — Skin, category 1	
STOT SE 1	Specific target organ toxicity — single exposure, Category 1	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	
H225	Highly flammable liquid and vapour	
H226	Flammable liquid and vapour	
H301	Toxic if swallowed	
H304	May be fatal if swallowed and enters airways	
H311	Toxic in contact with skin	
H317	May cause an allergic skin reaction	
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MSDS for #02017 - NEW MASTERS MEDIUMS

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H370	Causes damage to organs
H411	Toxic to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R37	Irritating to respiratory system
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R43	May cause sensitisation by skin contact
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
Ν	Dangerous for the environment
Т	Toxic
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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