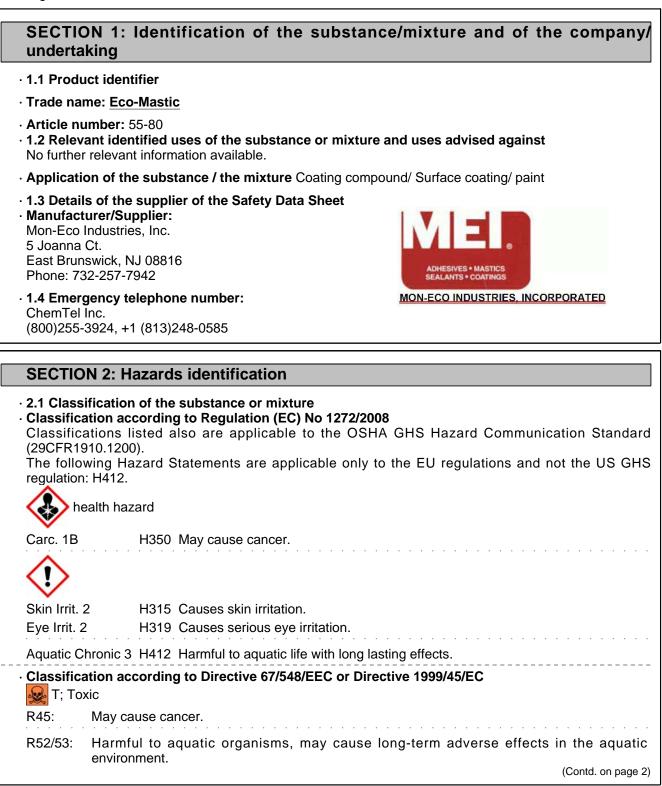
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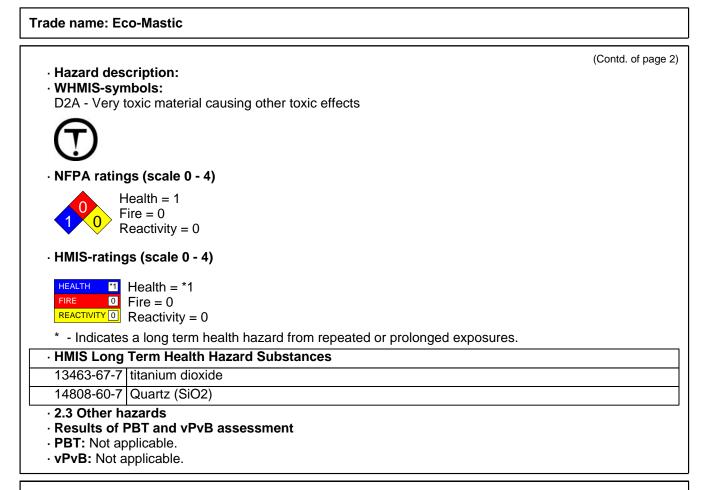


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rade name: Eco-l	Mastic
	(Contd. of page
The product hat for preparations	oncerning particular hazards for human and environment: as to be labelled due to the calculation procedure of the "General Classification guidelies of the EU" in the latest valid version.
Classification The classificat literature data.	ion is according to the latest editions of the EU-lists, and extended by company a
The classificat	tion is in accordance with the latest editions of international substances lists, and by information from technical literature and by information provided by the company.
· 2.2 Label elem	ents
	ording to Regulation (EC) No 1272/2008
	additionally classified and labelled according to the Globally Harmonized System within t
United States (
	classified and labelled according to the CLP regulation.
 Hazard pictog 	Idilis
$\wedge \wedge$	
GHS07 GHS08	
· Signal word D	anger
· Hazard-determ	nining components of labelling:
Attapulgite (Pal	ygorskite)
Quartz (SiO2)	
titanium dioxide	
Petroleum Disti	llates
chlorothalonil (I	SO)
Hazard statem	ents
	Hazard Statements are applicable only to the EU regulations and not the US GF
regulation: H41 H315 Causes s	
	erious eye irritation.
H350 May cause	
	o aquatic life with long lasting effects.
Precautionary	
P281	Use personal protective equipment as required.
P264	Wash thoroughly after handling.
P202	Do not handle until all safety precautions have been read and understood.
	338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense
	if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of water.
P501	Dispose of contents/container in accordance with local/regional/national/internation
	regulations.
· Additional info	ormation:
Postricted to pr	ofessional users.
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SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

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

· Dangerous compone	ents:	
	Vinyl-Acrylic copolymer Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319	2,5-10%
CAS: 9036-19-5	Polyethylene glycol octylphenyl ether Xn R22; Xi R41 R52/53 Eye Dam. 1, H318 Acute Tox. 4, H302 Aquatic Chronic 3, H412	< 5%
CAS: 57-55-6 EINECS: 200-338-0	Propylene Glycol substance with a Community workplace exposure limit	< 5%
		(Contd. on page 4)

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	(Cor	td. of page 3)
CAS: 25265-77-4	2,2,4-trimethyl-1,3-pentanediol mono(2-methylpropanoate)	< 5%
EINECS: 246-771-9	🗙 Xi R36	
CAS: 9004-34-6	Cellulose	< 5%
EINECS: 232-674-9	substance with a Community workplace exposure limit	
CAS: 12174-11-7	Attapulgite (Palygorskite)	< 5%
EC number: 601-805-5		
	& Carc. 2, H351	
CAS: 9016-45-9	4-nonylphenyl-polyethylene glycol	< 1%
NLP: 500-024-6	Xi R36/38; 😼 N R51/53	
	Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 14808-60-7	Quartz (SiO2)	< 1%
EINECS: 238-878-4	₩ T R49; Xn R48	< 170
	& Carc. 1A, H350	-
	Petroleum Distillates	< 1%
	& Carc. 1B, H350	
· SVHC	1 *	<u> </u>
9016-45-9 4-nonylphe	nyl-polyethylene glycol	
· Dangerous Compone	nts (Alternative Classifications):	
CAS: 13463-67-7 tit	anium dioxide (classification relevant for USA/Canada only)	< 5%
EINECS: 236-675-5 💰	Carc. 2, H351	
Additional information	n: For the wording of the listed risk phrases refer to section 16.	I
Notable Trace Compo	onents (≤ 0,1% w/w)	
CAS: 1897-45-6	chlorothalonil (ISO)	
EINECS: 217-588-1	😡 T+ R26; 🗙 Xn R40; 🗙 Xi R37-41; 🗶 Xi R43; 🟪 N R50/53	
Index number: 608-014		
	Acute Tox. 2, H330	
	& Carc. 2, H351 Eye Dam. 1, H318	
	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
	Skin Sens. 1, H317; STOT SE 3, H335	
	v	

SECTION 4: First aid measures

· 4.1 Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

- Take affected persons out into the fresh air. • After inhalation:
- Supply fresh air; consult doctor in case of complaints.
- Provide oxygen treatment if affected person has difficulty breathing.

• After skin contact: Immediately remove any clothing soiled by the product. Immediately wash with water and soap and rinse thoroughly.

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If skin irritation is experienced, consult a doctor.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

- 4.2 Most important symptoms and effects, both acute and delayed Headache
- Dizziness

Irritant to skin and mucous membranes.

Irritant to eyes.

Gastric or intestinal disorders when ingested.

Nausea in case of ingestion.

· Hazards

May cause cancer.

May cause respiratory irritation.

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

No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- Suitable extinguishing agents: Water haze or fog

Foam

Fire-extinguishing powder

Carbon dioxide

- · For safety reasons unsuitable extinguishing agents: None.
- 5.2 Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters
- Protective equipment: Wear self-contained respiratory protective device.
- Wear fully protective suit.
- · Additional information No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
 Ensure adequate ventilation
 Particular danger of slipping on leaked/spilled product.
 Wear protective clothing.
 For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
 6.2 Environmental precautions:
 Output
 Description:
 Description:

Do not allow to enter sewers/ surface or ground water.

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Inform respective authorities in case of seepage into water course or sewage system. · 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. Send for recovery or disposal in suitable receptacles.

- · 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.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling Prevent formation of aerosols. Avoid splashes or spray in enclosed areas. Use only in well ventilated areas. · Information about fire - and explosion protection: No special measures required.

- · 7.2 Conditions for safe storage, including any incompatibilities · Storage:
- · Requirements to be met by storerooms and receptacles: Avoid storage near extreme heat, ignition sources or open flame. · Information about storage in one common storage facility: Store away from foodstuffs.
- Do not store together with acids.
- Store away from oxidising agents.
- · Further information about storage conditions: Keep container tightly sealed.
- · 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 p	arameters
· Ingredients w	vith limit values that require monitoring at the workplace:
57-55-6 Prop	ylene Glycol
WEEL (USA)	Long-term value: 10 mg/m ³
EV (Canada)	Long-term value: 155* 10** mg/m³, 50* ppm *vapour and aerosol;**aerosol only
9004-34-6 Ce	llulose
PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
	(Contd. on page 7)

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	(Contd. of page 6)
TLV (USA)	Long-term value: 10 mg/m ³
EL (Canada)	
	*total dust, **respirable fraction
EV (Canada)	
	paper fibre, total dust
14808-60-7 Q	
PEL (USA)	see Quartz listing
REL (USA)	Long-term value: 0,05* mg/m ³ *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0,025* mg/m ³ *as respirable fraction
EL (Canada)	Long-term value: 0,025 mg/m³ ACGIH A2; IARC 1
EV (Canada)	Long-term value: 0,10* mg/m ³ *respirable fraction
· DNELs No fu	rther relevant information available.
	rther relevant information available. formation: The lists valid during the making were used as basis.
General prote The usual pre Keep away fro Immediately ro Wash hands b Do not inhale Avoid contact Respiratory p Suitable respi Use suitable r	ratory protective device recommended. respiratory protective device when high concentrations are present. piratory protection may be advisable.
Prote	ective gloves
Selection of t degradation. • Material of gl The selection quality and v	of the suitable gloves does not only depend on the material, but also on further marks of varies from manufacturer to manufacturer. As the product is a preparation of several
	he resistance of the glove material can not be calculated in advance and has therefore to be to the application.

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· Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:

Safety glasses

- · Body protection: Protective work clothing
- · Limitation and supervision of exposure into the environment No further relevant information available.
- · Risk management measures See Section 7 for additional information. No further relevant information available.

SECTION 9: Physical and chemical properties

 9.1 Information on basic physical a General Information 	nd chemical properties	
General Information Appearance:		
Form:	Liquid	
Colour:	Not determined.	
· Odour: · Odour threshold:	Mild Not determined.	
· pH-value:	Not determined.	
Change in condition	Not Determined.	
Melting point/Melting range: Boiling point/Boiling range:	212° F/ 100 °C	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
• Auto/Self-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Self-igniting:	Product is not self-igniting.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
 Vapour pressure at 20 °C: 	23 hPa	
· Density at 20 °C:	1,34 g/cm ³	
 Relative density Vapour density at 20 °C 	Not determined. > 1 g/cm ³ (AIR = 1)	
· vapour density at 20 °C	> 1 g/one (AIX = 1)	(Contd. on page 9)

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· Evaporation rate at 20 °C	~ 1 (WATER = 1)	(Contd. of page 8)
 Solubility in / Miscibility with water: 	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol/wa	ater): Not determined.	
 Viscosity: Dynamic: Kinematic: 	Not determined. Not determined.	
 Solvent content: Organic solvents: Water: VOC content: 	1,8 % 59,4 % 1,8 %	
Solids content: • 9.2 Other information	3,5 % No further relevant information available.	

SECTION 10: Stability and reactivity

- · 10.1 Reactivity
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Toxic fumes may be released if heated above the decomposition point. Reacts with strong acids and oxidising agents.
- 10.4 Conditions to avoid
- Keep away from heat and direct sunlight.
- Store away from oxidising agents.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:
- Carbon monoxide and carbon dioxide Nitrogen oxides (NOx) Hydrogen chloride (HCl)

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity:
- · Primary irritant effect:
- on the skin:
- No irritant effect. Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitisation: No sensitising effects known.

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· Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

May cause cancer.

- Acute effects (acute toxicity, irritation and corrosivity): Vapours have narcotic effect.
- Repeated dose toxicity: May cause damage to organs through prolonged or repeated exposure.
- CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):

Carc. 1B

SECTION 12: Ecological information

· 12.1 Toxicity

- · Aquatic toxicity: The product contains materials that are harmful to the environment.
- 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:

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Harmful to aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

- · 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. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- · Uncleaned packaging:
- \cdot **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information	
· 14.1 UN-Number	
DOT, ADR, ADN, IMDG, IATA	Not Regulated
 · 14.2 UN proper shipping name · DOT, ADR, ADN, IMDG, IATA · 14.3 Transport hazard class(es) 	Not Regulated
· DOT, ADR, ADN, IMDG, IATA	
	Not Regulated
· 14.4 Packing group · DOT, ADR, IMDG, IATA	Not Regulated
• 14.5 Environmental hazards:	
• Marine pollutant:	No
 14.6 Special precautions for user 	Not applicable.
 14.7 Transport in bulk according to Annex 	II of
MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · United States (USA)

· SARA

· Section 355 (extremely hazardous substances):

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65 (California):

· Chemicals known to cause cancer:

Reference to Crystalline Silica and/or Quartz is based on unbound respirable particles and is not generally applicable to product as supplied.

Reference to Titanium Dioxide is based on unbound respirable particles and is not generally applicable to product as supplied.

Reference to Attapulgite is based on unbound respirable particles and is not generally applicable to product as supplied.

Present in trace quantities: chlorothalonil.

13463-67-7 titanium dioxide

12174-11-7 Attapulgite (Palygorskite)

14808-60-7 Quartz (SiO2) 1897-45-6 chlorothalonil (ISO)

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 Chemicals known to cause reproductive toxicity for females: 	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients are listed.	
• Chemicals known to cause developmental toxicity:	
Present in trace quantities.	
67-56-1 methanol	
Carcinogenic Categories	
EPA (Environmental Protection Agency)	
None of the ingredients are listed.	
· IARC (International Agency for Research on Cancer)	
13463-67-7 titanium dioxide	2B
12174-11-7 Attapulgite (Palygorskite)	2B
14808-60-7 Quartz (SiO2)	1
 TLV (Threshold Limit Value established by ACGIH) 	
13463-67-7 titanium dioxide	A4
14808-60-7 Quartz (SiO2)	A2
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
13463-67-7 titanium dioxide	
14808-60-7 Quartz (SiO2)	
Canada	
· Canadian Domestic Substances List (DSL)	
All ingredients are listed.	
· Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients are listed.	
· Canadian Ingredient Disclosure list (limit 1%)	
9036-19-5 Polyethylene glycol octylphenyl ether	
57-55-6 Propylene Glycol	
 Other regulations, limitations and prohibitive regulations This product has been classified in accordance with hazard criteria of th Regulations and the SDS contains all the information required by the Controlled F Substances of very high concern (SVHC) according to REACH, Article 57 9016-45-9 4-nonylphenyl-polyethylene glycol 	

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.

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	(Contd. of page 2
Releva	nt phrases
	Harmful if swallowed.
	Causes skin irritation.
	Causes serious eye damage.
	Causes serious eye irritation.
	May cause cancer.
	Suspected of causing cancer.
	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
R22	Harmful if swallowed.
R22 R36	
	Irritating to eyes.
	Irritating to eyes and skin.
R40 R41	Limited evidence of a carcinogenic effect. Risk of serious damage to eyes.
R41 R48	Danger of serious damage to health by prolonged exposure.
R40 R49	May cause cancer by inhalation.
	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
IATA: Inte GHS: Glo ACGIH: A EINECS: ELINCS: CAS: Che NFPA: Na HMIS: Ha WHMIS: N DNEL: De PNEC: Pi Acute To: Skin Irrit. Eye Dam Carc. 1A: Carc. 1B: Carc. 2: C	Department of Transportation ernational Air Transport Association obally Harmonised System of Classification and Labelling of Chemicals American Conference of Governmental Industrial Hygienists European Inventory of Existing Commercial Chemical Substances European List of Notified Chemical Substances emical Abstracts Service (division of the American Chemical Society) ational Fire Protection Association (USA) azardous Materials Identification System (USA) Workplace Hazardous Materials Information System (Canada) erived No-Effect Level (REACH) redicted No-Effect Concentration (REACH) x. 4: Acute toxicity, Hazard Category 4 2: Skin corrosion/irritation, Hazard Category 2 . 1: Serious eye damage/eye irritation, Hazard Category 1 2: Serious eye damage/eye irritation, Hazard Category 2 . Carcinogenicity, Hazard Category 1B Carcinogenicity, Hazard Category 2
Aquatic C	Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2 Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3
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