

Safety Data Sheet (SDS) Report

SDS number: 241114001SHF

Applicant: VIETNAM SENTAI ENVIRONMENTAL PROTECTION
NEW MATERIALS TECHNOLOGY COMPANY LIMITED
FACTORY 1B+2B+6B+6C- PHASE 2, LOT CN18, YEN BINH INDUSTRIAL
PARK, DONG TIEN WARD, PHO YEN CITY, THAINGUYEN, VIETNAM

Issue Date: November 18, 2024

Sample Description:

The sample information was submitted and identified on client's behalf to be:

Product Name : Interior floor
Physical State : Solid
Data Received : Nov 11, 2024
Data Reviewed : Nov 18, 2024

Service Requested:

Based on the information provided by the applicant, the Safety Data Sheet (SDS) was generated in accordance with the requirements of OSHA HazCom Standard (2012), for details please refer to attached pages.

Authorized By:

On Behalf Of Regulatory Affairs in Intertek Testing Services Ltd., Shanghai



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Technical Manager

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Interior floor

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according to US HazCom 2012

Issue date: 11/18/2024 Revision date: 11/18/2024 Version: 1.0 SDS Number: 241114001SHF

SECTION 1: Identification

1.1. Identification

Product form : Article
Product name : Interior floor

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Floor

1.3. Supplier

VIETNAM SENTAI ENVIRONMENTAL PROTECTION NEW MATERIALS TECHNOLOGY COMPANY LIMITED
FACTORY 1B+2B+6B+6C- PHASE 2, LOT CN18, YEN BINH INDUSTRIAL PARK, DONG TIEN WARD, PHO YEN CITY, THAINGUYEN, VIETNAM
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1.4. Emergency telephone number

No additional information available

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
CALCIUM CARBONATE	CAS-No.: 471-34-1	72.1532
Polyvinyl chloride	CAS-No.: 9002-86-2	22.79586
Calcium stearate	CAS-No.: 1592-23-0	0.9884

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Name	Product identifier	%
Rubber, synthetic, chlorinated polyethylene	CAS-No.: 63231-66-3	0.9884
Carbon black	CAS-No.: 1333-86-4	0.69388
adipic acid	CAS-No.: 124-04-9	0.69188
Ethene, homopolymer	CAS-No.: 9002-88-4	0.68704
Zinc stearate	CAS-No.: 557-05-1	0.39636
1-Octadecanol	CAS-No.: 112-92-5	0.29652
HYDROTALCITE	CAS-No.: 12304-65-3	0.19768
Zeolite	CAS-No.: 1318-02-1	0.09884
Polyurethane acrylate	-	0.0030435
1,6-Hexanediol diacrylate	CAS-No.: 13048-33-4	0.0025805
1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	CAS-No.: 6422-86-2	0.00132
zinc oxide	CAS-No.: 1314-13-2	0.001
Propanoic acid, 3,3'-thiobis-, didodecyl ester	CAS-No.: 123-28-4	0.0007
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester	CAS-No.: 6683-19-8	0.0007
C,C'-azodi(formamide)	CAS-No.: 123-77-3	0.0006
Silicon dioxide	CAS-No.: 7631-86-9	0.0005521
Aluminum oxide (Al ₂ O ₃)	CAS-No.: 1344-28-1	0.0004664
HYDROXYCYCLOHEXYL PHENYL KETONE	CAS-No.: 947-19-3	0.0004441
Fatty acids, C14-18 and C16-18-unsaturated, calcium salts	CAS-No.: 68424-16-8	0.0001188
3(2H)-Isothiazolone, 4,5-dichloro-2-octyl-	CAS-No.: 64359-81-5	0.000096
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo-	CAS-No.: 5567-15-7	0.000096
1H-Isoindol-1-one, 3,3'-(1,4-phenylenediimino)bis[4,5,6,7-tetrachloro-	CAS-No.: 5590-18-1	
Pyrrolo[3,4-c]pyrrole-1,4-dione, 3,6-bis([1,1'-biphenyl]-4-yl)-2,5-dihydro-	CAS-No.: 88949-33-1	
C.I. Pigment Blue 15	CAS-No.: 147-14-8	
Carbon black	CAS-No.: 1333-86-4	0.0000924
Soybean oil, epoxidized	CAS-No.: 8013-07-8	
2-Propenenitrile, polymer with ethenylbenzene	CAS-No.: 9003-54-7	
Vinyl acetate-vinyl chloride copolymer	CAS-No.: 9003-22-9	
n-Butyl acetate	CAS-No.: 123-86-4	0.000016
Ethyl Acetate	CAS-No.: 141-78-6	
Oxybis(methyl-2,1-ethanediyl) diacrylate	CAS-No.: 57472-68-1	0.0000144

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Specific concentration limit

3(2H)-Isothiazolone, 4,5-dichloro-2-octyl-(64359-81-5)	Eye Irrit. 2; H319: 0,025 % $\leq$ C < 3 %
	Skin Irrit. 2; H315: 0,025 % $\leq$ C < 5 %
	Skin Sens. 1A; H317: C $\geq$ 0,0015 %

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. Seek medical attention if ill effect or irritation develops.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution. Seek medical attention if ill effect or irritation develops.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Thermal decomposition can lead to the release of irritating gases and vapors.
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5.3. Special protective equipment and precautions for fire-fighters

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. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Evacuate unnecessary personnel.
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6.1.1. For non-emergency personnel

- Protective equipment : Wear personal protective equipment. Wear suitable protective clothing. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Collect spillage.
- Methods for cleaning up : Mechanically recover the product. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Provide good ventilation in process area to prevent formation of vapor.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
- Suitable packaging materials : PE

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Polyvinyl chloride (9002-86-2)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Polyvinyl chloride
ACGIH OEL TWA	1 mg/m ³ (respirable particulate matter)
Remark (ACGIH)	TLV® Basis: Pneumoconiosis; LRT irr; pulm func changes. Notations: A4 (Not classifiable as a Human Carcinogen)
ACGIH chemical category	Not Classifiable as a Human Carcinogen

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Polyvinyl chloride (9002-86-2)	
Regulatory reference	ACGIH 2024
Carbon black (1333-86-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Carbon black
ACGIH OEL TWA	3 mg/m ³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Carbon black
OSHA PEL TWA	3.5 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH	1750 mg/m ³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	3.5 mg/m ³ 0.1 mg/m ³ (Carbon black in presence of Polycyclic aromatic hydrocarbons)
adipic acid (124-04-9)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Adipic acid
ACGIH OEL TWA	5 mg/m ³
Remark (ACGIH)	TLV® Basis: URT irr; ANS impair
Regulatory reference	ACGIH 2024
Zinc stearate (557-05-1)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Zinc stearates
ACGIH OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates))
Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Zinc stearate
OSHA PEL TWA	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
OSHA PEL C	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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Zinc stearate (557-05-1)	
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)
zinc oxide (1314-13-2)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Zinc oxide
ACGIH OEL TWA	2 mg/m ³ (R - Respirable particulate matter)
ACGIH OEL STEL	10 mg/m ³ (R - Respirable particulate matter)
Remark (ACGIH)	TLV® Basis: Metal fume fever
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Zinc oxide
OSHA PEL TWA	5 mg/m ³ (Fume) 15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Silicon dioxide (7631-86-9)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	10 mg/m ³ (inhalable particles)
USA - OSHA - Occupational Exposure Limits	
Local name	Respirable fraction (Inert or Nuisance Dust)
OSHA PEL TWA	80 mg/m ³ 15 mppcf
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
USA - IDLH - Occupational Exposure Limits	
IDLH	3000 mg/m ³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	6 mg/m ³
Aluminum oxide (Al₂O₃) (1344-28-1)	
USA - OSHA - Occupational Exposure Limits	
Local name	alpha-Alumina
OSHA PEL TWA	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
n-Butyl acetate (123-86-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	n-Butyl acetate
ACGIH OEL TWA	50 ppm

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n-Butyl acetate (123-86-4)	
ACGIH OEL STEL	150 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	n-Butyl-acetate
OSHA PEL TWA	710 mg/m³
	150 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH	1700 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	710 mg/m³
	150 ppm
NIOSH REL STEL	950 mg/m³
	200 ppm
Ethyl Acetate (141-78-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethyl acetate
ACGIH OEL TWA	400 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl acetate
OSHA PEL TWA	1400 mg/m³
	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
8.2. Appropriate engineering controls	
Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.
8.3. Individual protection measures/Personal protective equipment	
Hand protection:	
Impermeable protective gloves. protective gloves	
Eye protection:	
Chemical goggles or safety glasses. Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	

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Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Wear suitable respiratory equipment in case of insufficient ventilation

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	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

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10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

CALCIUM CARBONATE (471-34-1)	
LD50 oral rat	> 2000 mg/kg [Source: ECHA (European Chemicals Agency)]
LD50 dermal rat	> 2000 mg/kg [Source: ECHA (European Chemicals Agency)]
Calcium stearate (1592-23-0)	
LD50 oral rat	> 2000 mg/kg (Source: ECHA)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
Carbon black (1333-86-4)	
LD50 oral rat	> 8000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: other:, Guideline: other:, Guideline: other:, Guideline: other:
LC50 Inhalation - Rat	> 4.6 mg/m ³ (Exposure time: 4 h Source: ECHA_API)
adipic acid (124-04-9)	
LD50 oral rat	5560 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 4650 - 6770
LD50 dermal rabbit	> 7940 mg/kg (Source: CHEMVIEW)
LC50 Inhalation - Rat (Dust/Mist)	7.7 mg/l/4h
Ethene, homopolymer (9002-88-4)	
LD50 oral rat	> 8 g/kg (Source: NLM_HSDB)
LC50 Inhalation - Rat (Dust/Mist)	75.5 mg/l Source: RTECS
Zinc stearate (557-05-1)	
LD50 oral rat	> 2000 mg/kg (Source: ECHA)
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 2000 mg/kg (Source: EU_RAR)
LC50 Inhalation - Rat	> 200 mg/l (Exposure time: 1 h Source: ECHA)
LC50 Inhalation - Rat (Dust/Mist)	> 50000 mg/l
1-Octadecanol (112-92-5)	
LD50 oral rat	> 5 g/kg (Source: ECHA)
LD50 dermal rabbit	> 3 g/kg (Source: NLM_HSDB)
Zeolite (1318-02-1)	
LD50 oral rat	> 5110 mg/kg (Source: ECHA)

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Zeolite (1318-02-1)	
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
LC50 Inhalation - Rat	> 18.3 mg/l (Exposure time: 1 h Source: ECHA_API)
LC50 Inhalation - Rat (Dust/Mist)	2400 mg/l
1,6-Hexanediol diacrylate (13048-33-4)	
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rabbit	3650 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Propanoic acid, 3,3'-thiobis-, didodecyl ester (123-28-4)	
LD50 oral rat	> 2500 mg/kg (Source: EPA_HP_V)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester (6683-19-8)	
LD50 oral rat	> 10250 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 3160 mg/kg (Source: CHEMVIEW)
Aluminum oxide (Al2O3) (1344-28-1)	
LD50 oral rat	> 15900 mg/kg (Source: ECHA)
LC50 Inhalation - Rat (Dust/Mist)	> 2.3 mg/l Source: ECHA
3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)	
LD50 dermal rabbit	> 2000 mg/kg (Source: NICNAS)
ATE US (oral)	567 mg/kg body weight
ATE US (dust, mist)	0.16 mg/l/4h
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567-15-7)	
LD50 oral rat	> 15000 mg/kg
LD50 dermal rat	> 3000 mg/kg no deaths occurred.no clinical symptoms were recorded.No macroscopically visible changes occurred at necropsy.
LC50 Inhalation - Rat	> 230 mg/l exposure time:4h
1H-Isoindol-1-one, 3,3'-(1,4-phenylenediimino)bis[4,5,6,7-tetrachloro- (5590-18-1)	
LD50 dermal rabbit	> 5000 mg/kg body weight Animal: rabbit, Guideline: other:
Pyrrolo[3,4-c]pyrrole-1,4-dione, 3,6-bis([1,1'-biphenyl]-4-yl)-2,5-dihydro- (88949-33-1)	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
C.I. Pigment Blue 15 (147-14-8)	
LD50 oral rat	> 6400 mg/kg (Source: ECHA)
LD50 dermal rat	> 5000 mg/kg (Source: ECHA)
Soybean oil, epoxidized (8013-07-8)	
LD50 oral rat	40 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 20 ml/kg (Source: OECD_SIDS)

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2-Propenenitrile, polymer with ethenylbenzene (9003-54-7)	
LD50 oral rat	1800 mg/kg (Source: NLM_CIP)
n-Butyl acetate (123-86-4)	
LD50 oral rat	10768 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 17600 mg/kg (Source: NLM_CIP)
LC50 Inhalation - Rat (Dust/Mist)	> 21100 mg/l
LC50 Inhalation - Rat (Vapours)	1802 mg/l Source: ECHA
Ethyl Acetate (141-78-6)	
LD50 oral	4934 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 20000 mg/kg body weight Animal: rabbit, Animal sex: male
Oxybis(methyl-2,1-ethanediyl) diacrylate (57472-68-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Polyvinyl chloride (9002-86-2)	
IARC group	3 - Not classifiable
Carbon black (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes
Ethene, homopolymer (9002-88-4)	
IARC group	3 - Not classifiable
Zeolite (1318-02-1)	
IARC group	3 - Not classifiable
Silicon dioxide (7631-86-9)	
IARC group	3 - Not classifiable
2-Propenenitrile, polymer with ethenylbenzene (9003-54-7)	
IARC group	3 - Not classifiable
Vinyl acetate-vinyl chloride copolymer (9003-22-9)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Viscosity, kinematic	: Not applicable

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Other information

: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

CALCIUM CARBONATE (471-34-1)	
LC50 - Fish [1]	> 100 mg/l v/v Saturated solution [Source: ECHA (European Chemicals Agency)]
EC50 - Crustacea [1]	> 100 mg/l v/v Saturated solution [Source: ECHA (European Chemicals Agency)]
Carbon black (1333-86-4)	
LC50 - Fish [1]	> 1000 mg/l Source: NITE
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 10000 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	> 10000 mg/l Source: EHCA
1-Octadecanol (112-92-5)	
LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio Source: IUCLID)
EC50 - Crustacea [1]	1666 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 96h - Algae [1]	235 mg/l (Species: Desmodesmus subspicatus)
Zeolite (1318-02-1)	
LC50 - Fish [1]	1800 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static] Source: IUCLID)
EC50 - Crustacea [1]	1000 – 1800 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Other aquatic organisms [1]	377 mg/l waterflea
LC50 - Fish [2]	3200 – 5600 mg/l (Exposure time: 96 h - Species: Oryzias latipes [semi-static] Source: IUCLID)
EC50 - Other aquatic organisms [2]	> 180 mg/l
NOEC chronic fish	175 mg/l
NOEC chronic crustacea	200 mg/l
1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester (6422-86-2)	
LC50 - Fish [1]	> 984 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: ECHA)
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester (6683-19-8)	
LC50 - Fish [1]	> 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static] Source: IUCLID)
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio Source: IUCLID)
EC50 72h - Algae [1]	> 100 mg/l (Species: Desmodesmus subspicatus)
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567-15-7)	
LC50 - Fish [1]	> 100 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	> 100 mg/l Test organisms (species): Daphnia magna

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Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567-15-7)	
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
Pyrrolo[3,4-c]pyrrole-1,4-dione, 3,6-bis([1,1'-biphenyl]-4-yl)-2,5-dihydro- (88949-33-1)	
LC50 - Fish [1]	> 100 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: ECHA)
C.I. Pigment Blue 15 (147-14-8)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 500 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	> 500 mg/l Test organisms (species): other:
LC50 - Fish [2]	355.6 mg/l Test organisms (species): other:
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	> 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
n-Butyl acetate (123-86-4)	
LC50 - Fish [1]	100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 72h - Algae [1]	674.7 mg/l (Species: Desmodesmus subspicatus)
EC50 72h - Algae [2]	246 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
LOEC (chronic)	47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Ethyl Acetate (141-78-6)	
LC50 - Fish [1]	230 mg/l Test organisms (species): Pimephales promelas
NOEC (chronic)	2.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
12.2. Persistence and degradability	
Interior floor	
Persistence and degradability	Not established
12.3. Bioaccumulative potential	
adipic acid (124-04-9)	
Partition coefficient n-octanol/water (Log Pow)	0.08
Zinc stearate (557-05-1)	
Partition coefficient n-octanol/water (Log Pow)	4.64 (at 25 °C)
1-Octadecanol (112-92-5)	
Partition coefficient n-octanol/water (Log Pow)	7.4
1,6-Hexanediol diacrylate (13048-33-4)	
Partition coefficient n-octanol/water (Log Pow)	2.81

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Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester (6683-19-8)	
Partition coefficient n-octanol/water (Log Pow)	23 (at 25 °C)
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (5567-15-7)	
Partition coefficient n-octanol/water (Log Pow)	0.02 (at 24 °C (at pH 7)
1H-Isoindol-1-one, 3,3'-(1,4-phenylenediimino)bis[4,5,6,7-tetrachloro- (5590-18-1)	
Partition coefficient n-octanol/water (Log Pow)	4.42 (at 25 °C (at pH 6.6)
Pyrrolo[3,4-c]pyrrole-1,4-dione, 3,6-bis([1,1'-biphenyl]-4-yl)-2,5-dihydro- (88949-33-1)	
BCF - Fish [1]	4.3 – 6.6
Partition coefficient n-octanol/water (Log Pow)	4.6 (at 20 °C (at pH 7)
C.I. Pigment Blue 15 (147-14-8)	
BCF - Fish [1]	0.3 – 11
Partition coefficient n-octanol/water (Log Pow)	6.6 (at 25 °C)
Soybean oil, epoxidized (8013-07-8)	
Partition coefficient n-octanol/water (Log Pow)	> 6.2
n-Butyl acetate (123-86-4)	
Partition coefficient n-octanol/water (Log Pow)	1.81 (at 23 °C)
Oxybis(methyl-2,1-ethanediyl) diacrylate (57472-68-1)	
Partition coefficient n-octanol/water (Log Pow)	0.01 – 0.39 (at 24 °C (at pH 7)

12.4. Mobility in soil

Interior floor	
Ecology - soil	Not established

12.5. Other adverse effects

Effect on the ozone layer	: Not classified.
Other information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecological waste information	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated	Not regulated	Not regulated

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DOT	IMDG	IATA
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

14.6. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:		
Rubber, synthetic, chlorinated polyethylene	CAS-No. 63231-66-3	0.9884%
HYDROTALCITE	CAS-No. 12304-65-3	0.19768%
Zeolite	CAS-No. 1318-02-1	0.09884%
Polyurethane acrylate	-	0.0030435%
Pyrrolo[3,4-c]pyrrole-1,4-dione, 3,6-bis([1,1'-biphenyl]-4-yl)-2,5-dihydro-	CAS-No. 88949-33-1	0.000096%

15.2. US State regulations

 **WARNING:** This product can expose you to Carbon black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

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Safety Data Sheet (SDS), USA

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.