

SAFETY DATA SHEET

C.A.R.FIT Perfect Multi Green Putty

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

C.A.R.FIT Perfect Multi Green Putty

Product no.

2-251-1800

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Bodywork protector treatment. Only for professional use.

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address

August Handel GmbH

Heinrich-Hertz-Straße 3B

14532 Kleinmachnow

Deutschland

+49 (0)33203 50 300

+49 (0)33203 50 319

Contact person

M. Scherzer

E-mail

m.scherzer@augusthandel.com

SDS date

17-09-2021

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.

Acute Tox. 4; H302, Harmful if swallowed.

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

Skin Irrit. 2; H315, Causes skin irritation.

Skin Sens. 1; H317, May cause an allergic skin reaction.

Eye Irrit. 2; H319, Causes serious eye irritation.

Repr. 2; H361d, Suspected of damaging the unborn child.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

STOT RE 1; H372, Causes damage to organs through prolonged or repeated exposure.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Flammable liquid and vapour. (H226)

Harmful if swallowed. (H302)

May be fatal if swallowed and enters airways. (H304)

Causes skin irritation. (H315)

May cause an allergic skin reaction. (H317)

Causes serious eye irritation. (H319)

Suspected of damaging the unborn child. (H361)

Causes damage to organs through prolonged or repeated exposure. (H372)

Harmful to aquatic life with long lasting effects. (H412)

Safety statement(s)

General

-

Prevention

Obtain special instructions before use. (P201)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

Do not breathe vapour / mist. (P260)

Wear face shield / protective gloves. (P280)

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

IF exposed or concerned: Get medical advice/attention. (P308+P313)

Get medical advice/attention if you feel unwell. (P314)

Storage

Store in a well-ventilated place. Keep cool. (P403+P235)

Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

Hazardous substances

styrene

2,2'-(m-tolylimino)diethanol

1,1'-(p-tolylimino)dipropan-2-ol

trizinc bis(orthophosphate)

2,2'-[(4-methylphenyl)imino]bisethanol

maleic anhydride

dichlone (ISO);2,3-dichloro-1,4-naphthoquinone

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

May form combustible dust concentrations in air.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

VOC

VOC content: 6 g/L

MAXIMUM VOC CONTENT (Phase II, category B/b: 250 g/L)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
styrene	CAS No.: 100-42-5 EC No.: 202-851-5 REACH: 01-2119457861-32 Index No.: 601-026-00-0	≥10-<15%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Acute Tox. 4, H332 Eye Irrit. 2, H319 STOT RE 1, H372 Aquatic Chronic 3, H412 STOT SE 3, H335 Repr. 2, H361d	
2,2'-(m-tolylimino)diethanol	CAS No.: 91-99-6 EC No.: 202-114-8 REACH: Index No.:	0,1-<1%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318 STOT RE 2, H373	
2,2'-[(4-methylphenyl)imino]bisethanol	CAS No.: 3077-12-1 EC No.: 221-359-1 REACH: 01-2120791684-40 Index No.:	0,1-<1%	Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
1,1'-(p-tolylimino)dipropan-2-ol	CAS No.: 38668-48-3 EC No.: 254-075-1 REACH: 01-2119980937-17-XXXX Index No.:	<1%	Acute Tox. 2, H300 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	
trizinc bis(orthophosphate)	CAS No.: 7779-90-0 EC No.: 231-944-3 REACH: 01-2119485044-40 Index No.: 030-011-00-6	0,25-<1%	Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
dichlone (ISO);2,3-dichloro-1,4-naphthoquinone	CAS No.: 117-80-6 EC No.: 204-210-5 REACH:	≥0,025-<0,1%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1)	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	Index No.: 606-018-00-0		Aquatic Chronic 1, H410 (M=1)
maleic anhydride	CAS No.: 108-31-6	≥0,001-<0,1%	Acute Tox. 4, H302 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT RE 1, H372 EUH071
	EC No.: 203-571-6		
	REACH: 01-2119472428-31		
	Index No.: 607-096-00-9		

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

No special

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER / doctor.

Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

4.2. Most important symptoms and effects, both acute and delayed

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Sensitisation: This product contains substances, which may produce an allergic reaction through inhalation. The allergic reaction typically takes place within an hour after exposure. The reaction results in an inflammatory reaction to the lungs.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

IF exposed or concerned:
Get immediate medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Nitrogen oxides (NO_x)

Carbon oxides (CO / CO₂).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Avoid direct contact with spilled substances.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical / lighting / ventilating]equipment.

Use non-sparking tools.

Take action to prevent static discharges.

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

The product should be tested for peroxide formation or discarded after 6 months.

Peroxide formation may be present anywhere in the container, including the sides, bottom, exterior and threaded cap. Peroxide formation in ppm concentrations may not be visually observable and must be identified through the use of appropriate testing procedures. If any of the following conditions exist, the material may be explosively unstable and will require stabilization prior to use:

1. Material appears to be degraded and or contaminated.
2. Material appears to be discolored.
3. Deterioration or distortion of storage container.
4. Thermal shock (sunlight).
5. Age of material exceeds recommended storage time.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Avoid the suspension of dust in the air.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Use non-sparking tools.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

Room temperature 18 to 23°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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styrene

Long term exposure limit (8 hours) (ppm): 100

Long term exposure limit (8 hours) (mg/m³): 430

Short term exposure limit (15 minutes) (ppm): 250

Short term exposure limit (15 minutes) (mg/m³): 1080

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maleic anhydride

Long term exposure limit (8 hours) (mg/m³): 1

Short term exposure limit (15 minutes) (mg/m³): 3

Annotations:

Sen = Capable of causing occupational asthma.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.

EH40/2005 Workplace exposure limits (Fourth Edition 2020)

DNEL

Product/substance	styrene
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

DNEL	
Route of exposure	Inhalation
Duration	Short term – Systemic effects - Workers
Product/substance	styrene
DNEL	
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population
Product/substance	styrene
DNEL	
Route of exposure	Inhalation
Duration	Long term – Local effects - Workers
Product/substance	styrene
DNEL	
Route of exposure	Inhalation
Duration	Short term – Local effects - Workers
Product/substance	styrene
DNEL	
Route of exposure	Inhalation
Duration	Long term – Local effects - General population
Product/substance	styrene
DNEL	
Route of exposure	Inhalation
Duration	Short term – Local effects - General population
Product/substance	styrene
DNEL	
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers
Product/substance	styrene
DNEL	
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population
Product/substance	styrene
DNEL	
Route of exposure	Inhalation
Duration	Short term – Systemic effects - General population
Product/substance	styrene
DNEL	
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	styrene

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

DNEL	
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

PNEC

Product/substance	styrene
PNEC	
Route of exposure	Marine water sediment
Duration of Exposure	-

Product/substance	styrene
PNEC	
Route of exposure	Soil
Duration of Exposure	-

Product/substance	styrene
PNEC	
Route of exposure	Sewage treatment plant
Duration of Exposure	-

Product/substance	styrene
PNEC	
Route of exposure	Marine water
Duration of Exposure	-

Product/substance	styrene
PNEC	
Route of exposure	Intermittent release
Duration of Exposure	-

Product/substance	styrene
PNEC	
Route of exposure	Freshwater
Duration of Exposure	-

Product/substance	styrene
PNEC	
Route of exposure	Freshwater sediment
Duration of Exposure	-

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

When transferring the materials, dust clouds should be kept at an absolute minimum. Handling should be slow and deliberate. The materials should be transferred from one container to another using a non-sparking, conductive metal scoop.

When mixing the material with other dry ingredients, frictional heat should be avoided. The best type of mixer for a dry mixing operation is one that contains no moving parts, but rather affects a tumbling action, such as a conical blender. Introduction of an inert atmosphere in the blender is highly recommended since dust clouds are generated. All equipment must be well grounded.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Do not recirculate outlet air that contain the substances.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements	-	-	-

Skin protection

Recommended	Type/Category	Standards
No specific requirements	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	-	-	EN374-2



Eye protection

Type	Standards
Face shield alternatively safety glasses with side shields.	EN166



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Green

Odour / Odour threshold

Characteristic

pH

Not applicable

Density (g/cm³)

0.846 (20.00 °C)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Kinematic viscosity

72.500-87.500 mPa.s (19.00 °C)

Particle characteristics

No data available

Phase changes

Melting point/Freezing point (°C)

Not applicable

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

145.20 °C

Vapour pressure

6.00 hPa (20.00 °C)

Relative vapour density

Not applicable

Decomposition temperature (°C)

Not applicable

Data on fire and explosion hazards

Flash point (°C)

34.00 °C

Ignition (°C)

Not applicable - product is an article

Auto flammability (°C)

Not applicable

Lower and upper explosion limit (% v/v)

1.20 - 8.90 v/v%

Solubility

Solubility in water

Insoluble

n-octanol/water coefficient

No data available

Solubility in fat (g/L)

No data available

9.2. Other information

Formation of explosible dust/air mixtures

Yes

Evaporation rate (n-butylacetate = 100)

Not applicable

VOC (g/l)

6

Other physical and chemical parameters

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly reactive and can auto-polymerize as a result of internal peroxide accumulation. The peroxides formed in these reactions are extremely shock- and heat-sensitive.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Avoid static electricity.

Avoid the suspension of dust in the air.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/substance	styrene
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	5000 mg/kg ·
Other information	

Product/substance	styrene
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>2.000 mg/kg ·
Other information	

Product/substance	styrene
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	11,8 mg/l ·
Other information	

Product/substance	trizinc bis(orthophosphate)
Test method	
Species	Mouse
Route of exposure	Oral
Test	LD50
Result	522 mg/kg ·
Other information	

Product/substance	trizinc bis(orthophosphate)
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg ·
Other information	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Harmful if swallowed.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

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

Skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

Suspected of damaging the unborn child.

STOT-single exposure

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

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

Long term effects

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

No special

Other information

styrene has been classified by IARC as a group 2A carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	styrene
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	4,9 mg/L ·
Other information	

Product/substance	styrene
Test method	
Species	Aquatic invertebrates
Compartment	
Duration	21 days

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Test NOEC
 Result 1,01 mg/L ·
 Other information

Product/substance styrene
 Test method
 Species Aquatic invertebrates
 Compartment
 Duration 48 hours
 Test EC50
 Result 4,7 mg/L ·
 Other information

Product/substance styrene
 Test method
 Species Fish
 Compartment
 Duration 96 hours
 Test LC50
 Result 4,02 mg/L ·
 Other information

Product/substance trizinc bis(orthophosphate)
 Test method
 Species Daphnia
 Compartment
 Duration 48 hours
 Test EC50
 Result 0,04 mg/l ·
 Other information

Product/substance trizinc bis(orthophosphate)
 Test method
 Species Algae
 Compartment
 Duration 72 hours
 Test EC50
 Result 0,136 mg/l ·
 Other information

Product/substance trizinc bis(orthophosphate)
 Test method
 Species Fish
 Compartment
 Duration 96 hours
 Test LC50
 Result 0,14 mg/l ·
 Other information

12.2. Persistence and degradability

No data available

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

No special

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

To the extent the material has not been subject to regular tests of peroxide formation the waste shall be treated as explosive waste.

Product is covered by the regulations on hazardous waste.

HP 3 - Flammable

HP 6 - Acute toxicity

HP 10 - Toxic for reproduction

Avoid discharge to lakes, streams, sewers, etc.

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 - 14.4

Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

UN- or ID number	UN proper shipping name	Labels	Packing group	Tunnel restriction code
3269	POLYESTER RESIN KIT, liquid base material	3	III	3 (E)

IMDG

UN- or ID number	UN proper shipping name	Labels	Packing group	EmS
3269	POLYESTER RESIN KIT, liquid base material	3	III	F-E, S-D

MARINE POLLUTANT

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

No

IATA

UN- or ID number	UN proper shipping name	Labels	Packing group
3269	POLYESTER RESIN KIT, liquid base material	3	III

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

Additional information

Not applicable

Sources

The Management of Health and Safety at Work Regulations 1999

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Control of Major Accident Hazards (COMAH) Regulations 2015.

2005 No. 2773 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2005.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

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 mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H314, Corrosive to the respiratory tract.

H226, Flammable liquid and vapour.

H300, Fatal if swallowed.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

H317, May cause an allergic skin reaction.
 H318, Causes serious eye damage.
 H319, Causes serious eye irritation.
 H332, Harmful if inhaled.
 H334, May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335, May cause respiratory irritation.
 H361d, Suspected of damaging the unborn child.
 H372, Causes damage to organs through prolonged or repeated exposure.
 H373, May cause damage to organs through prolonged or repeated exposure.
 H400, Very toxic to aquatic life.
 H410, Very toxic to aquatic life with long lasting effects.
 H412, Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 CAS = Chemical Abstracts Service
 CE = Conformité Européenne
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 CSA = Chemical Safety Assessment
 CSR = Chemical Safety Report
 DMEL = Derived Minimal Effect Level
 DNEL = Derived No Effect Level
 EINECS = European Inventory of Existing Commercial chemical Substances
 ES = Exposure Scenario
 EUH statement = CLP-specific Hazard statement
 EWC = European Waste Catalogue
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IARC = International Agency for Research on Cancer (IARC)
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 OECD = Organisation for Economic Co-operation and Development
 PBT = Persistent, Bioaccumulative and Toxic
 PNEC = Predicted No Effect Concentration
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
 RRN = REACH Registration Number
 SCL = A specific concentration limit.
 SVHC = Substances of Very High Concern
 STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
 STOT-SE = Specific Target Organ Toxicity - Single Exposure
 TWA = Time weighted average
 UN = United Nations
 UVCB = Complex hydrocarbon substance
 VOC = Volatile Organic Compound
 vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

The classification of the substance/mixture in regard of physical hazards has been based on experimental data.

The safety data sheet is validated by

S. Grade

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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