



Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

GALAXY ULTRALIGHT BODY FILLER 26-503 S275-26-503

Date of compilation: 2023-01-13

SECTION 1: Identification

1.1 Product identifier

Trade name **GALAXY ULTRALIGHT BODY FILLER**
Alternative number(s) 26-503

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

Relevant identified uses General use

1.3 Details of the supplier of the safety data sheet

Orion Automotive Finishes LLC
PO Box 34 - 1959 Kings Hwy
Swedesboro, NJ
08085, USA

Telephone: +1844 578 1750
Telefax: +1 512 793 9796
Website
www.orionautomotivefinishes.com

1.4 Emergency telephone number

INFOTRAC www.infotrac.net
US & Canada: +1 800 535 5053
International: +1 352 323 3500 .

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	Flammable liquid	3	Flam. Liq. 3	H226
3.10	Acute toxicity (oral)	5	Acute Tox. 5	H303
3.11	Acute toxicity (inhal.)	5	Acute Tox. 5	H333
3.2	Skin corrosion/irritation	3	Skin Irrit. 3	H316
3.3	Serious eye damage/eye irritation	2B	Eye Irrit. 2B	H320
3.6	Carcinogenicity	2	Carc. 2	H351
3.7	Reproductive toxicity	2	Repr. 2	H361d
3.8	Specific target organ toxicity - single exposure	1	STOT SE 1	H370



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Section	Hazard class	Category	Hazard class and category	Hazard statement
3.8R	Specific target organ toxicity - single exposure (respiratory tract irritation)	3	STOT SE 3	H335
3.9	Specific target organ toxicity - repeated exposure	2	STOT RE 2	H373
3.10	Aspiration hazard	1	Asp. Tox. 1	H304
4.1A	Hazardous to the aquatic environment - acute hazard	2	Aquatic Acute 2	H401
4.1C	Hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labeling

- Signal word danger

- Pictograms

GHS02, GHS07, GHS08



- Hazard statements

- H226 Flammable liquid and vapour.
- H303+H333 May be harmful if swallowed or if inhaled.
- H304 May be fatal if swallowed and enters airways.
- H316 Causes mild skin irritation.
- H320 Causes eye irritation.
- H335 May cause respiratory irritation.
- H351 Suspected of causing cancer.
- H361d Suspected of damaging the unborn child.
- H370 Causes damage to organs.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

- Precautionary statements

- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P270 Do not eat, drink or smoke when using this product.



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- Precautionary statements

P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P312	IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor.
P312	Call a POISON CENTER/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to industrial combustion plant.

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

3.2.1 Description of the mixture

Name of substance	Identifier	Wt%
POLYESTER UNSATURATED	CAS No Propietario	10 - < 25
MONOMERO DE ESTIRENO	CAS No 100-42-5	10 - < 25
ESTABILIZANTE	CAS No 557-05-1	1 - < 5
PIGMENT PW 6	CAS No 13463-67-7	< 1
ADITIVO REOLÓGICO	CAS No Propietario	< 1
TOLUENE	CAS No 108-88-3	< 1

For full text of abbreviations: see SECTION 16.



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SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.



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Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- Ventilation requirements

Keep any substance that emits harmful vapors or gases in a place that allows these to be permanently extracted. Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Co un- try	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/ m ³]	STEL [ppm]	STEL [mg/ m ³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m ³]	Nota tion	Source
US	CERAMIC FIBERS		PEL (CA)		0.2					Fib/ cm ³ , fib	Cal/OSHA PEL
US	STYRENE	100-42-5	REL	50 (10 h)	215 (10 h)	100	425				NIOSH REL
US	STYRENE	100-42-5	PEL	100		600 (5 min)		200		Dur- 5m- 3h	29 CFR 1910.1000
US	STYRENE, MONOMER (PHENYLETHENE) (VINYL BENZENE)	100-42-5	PEL (CA)	50	215	100	425	500			Cal/OSHA PEL



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Occupational exposure limit values (Workplace Exposure Limits)

Co un- try	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/ m ³]	STEL [ppm]	STEL [mg/ m ³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m ³]	Nota tion	Source
US	TOLUENE	108-88-3	REL	100 (10 h)	375 (10 h)	150	560				NIOSH REL
US	TOLUENE	108-88-3	PEL	200		500 (10 min)		300			29 CFR 1910.1000
US	TOLUENE (TOLU- OL)	108-88-3	PEL (CA)	10	37	150	560	500			Cal/OSHA PEL
US	SILICA, AMORPH- OUS - PRECIPIT- ATED AND GEL	112926 -00-8	PEL	706						Part ml	29 CFR 1910.1000
US	SILICA, AMORPH- OUS - PRECIPIT- ATED AND GEL	112926 -00-8	PEL (CA)		3					R	Cal/OSHA PEL
US	TALC	14807- 96-6	PEL (CA)	1						+Asb, fib/ cm ³	Cal/OSHA PEL
US	TALC	14807- 96-6	PEL		0.1		1 (30 min)			No_a sb, fib/ ml	29 CFR 1910.1000
US	TALC	14807- 96-6	PEL (CA)		2					No_a sb, r, less1 silica	Cal/OSHA PEL
US	TALC	14807- 96-6	PEL	706						Part ml, noAs b_les s1Sil, r	29 CFR 1910.1000
US	TALC	14807- 96-6	REL		2 (10 h)					R, less1 silica, no_as b	NIOSH REL
US	ZINC STEARATE	557-05- 1	PEL (CA)		10						Cal/OSHA PEL
US	ZINC STEARATE	557-05- 1	REL		10 (10 h)					I	NIOSH REL



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Occupational exposure limit values (Workplace Exposure Limits)

Co- un- try	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/ m ³]	STEL [ppm]	STEL [mg/ m ³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m ³]	Nota- tion	Source
US	ZINC STEARATE	557-05-1	PEL		15					I, dust	29 CFR 1910.1000
US	ZINC STEARATE	557-05-1	REL		5 (10 h)					R	NIOSH REL
US	ZINC STEARATE	557-05-1	PEL		5					R, dust	29 CFR 1910.1000
US	SILICA, AMORPH- OUS	7631-86-9	REL		6 (10 h)						NIOSH REL
US	BARIUM SULFATE	7727-43-7	REL		10 (10 h)					I	NIOSH REL
US	BARIUM SULFATE	7727-43-7	PEL		15					I, dust	29 CFR 1910.1000
US	BARIUM SULFATE	7727-43-7	REL		5 (10 h)					R	NIOSH REL
US	BARIUM SULFATE	7727-43-7	PEL		5					R, dust	29 CFR 1910.1000

Notation

+asb	containing asbestos fibers
Ceiling-C	ceiling value is a limit value above which exposure should not occur
dur-5m-3h	5 min. in any 3 hours
dust	as dust
fib	Fibers per cubic centimeter of air at 25°C and 760mm Hg pressure. To be considered a fiber for this limit the glass particle must be longer than 5µm, have a length to diameter ratio of three or more, and have a diameter less than 3µm. The National Institute for Occupational Safety and Health (NIOSH), Method 7400, Issue 2, August 15, 1994, which is hereby incorporated by reference, shall be used for measuring airborne fiber concentrations
fib/cm ³	fibers/cm ³
fib/ml	fibers/ml
i	inhalable fraction
less1silica	with less than 1 % free crystalline silica
no_asb	containing no asbestos fibers
noAsb_less1S	contains no asbestos and less than 1% free crystalline silica
il	
partml	particles/ml
r	respirable fraction
STEL	short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)



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Relevant DNELs of components of the mixture

NAME OF SUBSTANCE	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
MONOMERO DE ESTIRENO	100-42-5	DNEL	85 mg/m ³	Human, inhalatory	Worker (industry)	Chronic - systemic effects
MONOMERO DE ESTIRENO	100-42-5	DNEL	289 mg/m ³	Human, inhalatory	Worker (industry)	Acute - systemic effects
MONOMERO DE ESTIRENO	100-42-5	DNEL	306 mg/m ³	Human, inhalatory	Worker (industry)	Acute - local effects
MONOMERO DE ESTIRENO	100-42-5	DNEL	406 mg/kg bw/day	Human, dermal	Worker (industry)	Chronic - systemic effects
ESTABILIZANTE	557-05-1	DNEL	44.08 mg/m ³	Human, inhalatory	Worker (industry)	Chronic - systemic effects
ESTABILIZANTE	557-05-1	DNEL	25 mg/kg bw/day	Human, dermal	Worker (industry)	Chronic - systemic effects
PIGMENT PW 6	13463-67-7	DNEL	10 mg/m ³	Human, inhalatory	Worker (industry)	Chronic - local effects
TOLUENE	108-88-3	DNEL	192 mg/m ³	Human, inhalatory	Worker (industry)	Chronic - systemic effects
TOLUENE	108-88-3	DNEL	384 mg/m ³	Human, inhalatory	Worker (industry)	Acute - systemic effects
TOLUENE	108-88-3	DNEL	192 mg/m ³	Human, inhalatory	Worker (industry)	Chronic - local effects
TOLUENE	108-88-3	DNEL	384 mg/m ³	Human, inhalatory	Worker (industry)	Acute - local effects
TOLUENE	108-88-3	DNEL	384 mg/kg bw/day	Human, dermal	Worker (industry)	Chronic - systemic effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
MONOMERO DE ESTIRENO	100-42-5	PNEC	0.028 mg/l	Aquatic organisms	Freshwater	Short-term (single instance)



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Relevant PNECs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
MONOMERO DE ESTIRENO	100-42-5	PNEC	0.014 mg/l	Aquatic organisms	Marine water	Short-term (single instance)
MONOMERO DE ESTIRENO	100-42-5	PNEC	5 mg/l	Aquatic organisms	Sewage treatment plant (STP)	Short-term (single instance)
MONOMERO DE ESTIRENO	100-42-5	PNEC	0.614 mg/kg	Aquatic organisms	Freshwater sediment	Short-term (single instance)
MONOMERO DE ESTIRENO	100-42-5	PNEC	0.307 mg/kg	Aquatic organisms	Marine sediment	Short-term (single instance)
MONOMERO DE ESTIRENO	100-42-5	PNEC	0.2 mg/kg	Terrestrial organisms	Soil	Short-term (single instance)
ESTABILIZANTE	557-05-1	PNEC	0.008 mg/l	Aquatic organisms	Freshwater	Short-term (single instance)
ESTABILIZANTE	557-05-1	PNEC	0.001 mg/l	Aquatic organisms	Marine water	Short-term (single instance)
ESTABILIZANTE	557-05-1	PNEC	0.52 mg/l	Aquatic organisms	Sewage treatment plant (STP)	Short-term (single instance)
ESTABILIZANTE	557-05-1	PNEC	16.47 mg/kg	Aquatic organisms	Freshwater sediment	Short-term (single instance)
ESTABILIZANTE	557-05-1	PNEC	16.47 mg/kg	Aquatic organisms	Marine sediment	Short-term (single instance)
ESTABILIZANTE	557-05-1	PNEC	7.812 mg/kg	Terrestrial organisms	Soil	Short-term (single instance)
PIGMENT PW 6	13463-67-7	PNEC	0.184 mg/l	Aquatic organisms	Freshwater	Short-term (single instance)
PIGMENT PW 6	13463-67-7	PNEC	0.018 mg/l	Aquatic organisms	Marine water	Short-term (single instance)



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Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
PIGMENT PW 6	13463-67-7	PNEC	100 mg/l	Aquatic organisms	Sewage treatment plant (STP)	Short-term (single instance)
PIGMENT PW 6	13463-67-7	PNEC	1,000 mg/kg	Aquatic organisms	Freshwater sediment	Short-term (single instance)
PIGMENT PW 6	13463-67-7	PNEC	100 mg/kg	Aquatic organisms	Marine sediment	Short-term (single instance)
PIGMENT PW 6	13463-67-7	PNEC	100 mg/kg	Terrestrial organisms	Soil	Short-term (single instance)
TOLUENE	108-88-3	PNEC	0.68 mg/l	Aquatic organisms	Freshwater	Short-term (single instance)
TOLUENE	108-88-3	PNEC	0.68 mg/l	Aquatic organisms	Marine water	Short-term (single instance)
TOLUENE	108-88-3	PNEC	13.61 mg/l	Aquatic organisms	Sewage treatment plant (STP)	Short-term (single instance)
TOLUENE	108-88-3	PNEC	16.39 mg/kg	Aquatic organisms	Freshwater sediment	Short-term (single instance)
TOLUENE	108-88-3	PNEC	16.39 mg/kg	Aquatic organisms	Marine sediment	Short-term (single instance)
TOLUENE	108-88-3	PNEC	2.89 mg/kg	Terrestrial organisms	Soil	Short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.



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Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid (paste)
Color	light grey
Odor	aromatico débil
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	135 °C at 760 hPa
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	1.1 vol% - 7 vol%
Flash point	32 °C
Auto-ignition temperature	490 °C
Decomposition temperature	not relevant
pH (value)	7 (25 °C)
Kinematic viscosity	not determined
Solubility(ies)	not determined



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Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapor pressure	6.12 mmHg at 20 °C
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Density and/or relative density

Density	0.98 – 1.14 g/cm ³ at 25 °C
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Particle characteristics	no data available
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9.2 Other information

Information with regard to physical hazard classes	there is no additional information
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Other safety characteristics

Solvent content	34.01 %
Solid content	50.81 – 50.81 %
Temperature class (USA, acc. to NEC 500)	T1 (maximum permissible surface temperature on the equipment: 450°C)

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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



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Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

May be harmful if swallowed. May be harmful if inhaled.

Skin corrosion/irritation

Causes mild skin irritation.

Serious eye damage/eye irritation

Causes eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Suspected of causing cancer.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
MONOMERO DE ESTIRENO	100-42-5	2A	
TOLUENE	108-88-3	3	

Legend

2A Probably carcinogenic to humans
3 Not classifiable as to carcinogenicity in humans



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National Toxicology Program (United States): Report on Carcinogens

Name of substance	CAS No	Classification	Number
MONOMERO DE ESTIRENO	100-42-5	Reasonably anticipated to be a human carcinogen	12th Report on Carcinogens

Reproductive toxicity

Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

Causes damage to organs. May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
MONOMERO DE ESTIRENO	100-42-5	LC50	10 mg/l	Fish	96 h
MONOMERO DE ESTIRENO	100-42-5	EC50	3.32 mg/l	Fish	96 h
MONOMERO DE ESTIRENO	100-42-5	ErC50	4.9 mg/l	Algae	72 h
PIGMENT PW 6	13463-67-7	LC50	>1,000 mg/l	Fathead minnow (Pimephales promelas)	96 h
PIGMENT PW 6	13463-67-7	ErC50	>10,000 mg/l	Marine algae	72 h
PIGMENT PW 6	13463-67-7	EC50	>100 mg/l	Daphnia magna	48 h
PIGMENT PW 6	13463-67-7	LL50	>100 mg/l	Fish	24 h



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Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
PIGMENT PW 6	13463-67-7	EL50	>1,000 mg/l	Aquatic invertebrates	24 h
TOLUENE	108-88-3	LC50	5.5 mg/l	Fish	96 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
MONOMERO DE ESTIRENO	100-42-5	EC50	1.88 mg/l	Aquatic invertebrates	21 d
MONOMERO DE ESTIRENO	100-42-5	LC50	>3.84 mg/l	Aquatic invertebrates	21 d
PIGMENT PW 6	13463-67-7	EL50	>1,000 mg/l	Microorganisms	40 h
TOLUENE	108-88-3	LC50	3.78 mg/l	Aquatic invertebrates	2 d
TOLUENE	108-88-3	EC50	3.23 mg/l	Aquatic invertebrates	7 d

12.2 Persistence and degradability

Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
PIGMENT PW 6	13463-67-7	Oxygen depletion	57.5 %	28 d		ECHA

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
MONOMERO DE ESTIRENO	100-42-5	74	2.96 (25 °C)	
TOLUENE	108-88-3	90	2.73 (pH value: 7, 20 °C)	

12.4 Mobility in soil

Data are not available.



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12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Information on this property is not available.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number	1263
DOT	UN 1263
IMDG-Code	UN 1263
ICAO-TI	UN 1263
14.2 UN proper shipping name	PAINT
DOT	Paint
IMDG-Code	PAINT
ICAO-TI	Paint
14.3 Transport hazard class(es)	
DOT	3
IMDG-Code	3
ICAO-TI	3



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14.4 Packing group

DOT	III
IMDG-Code	III
ICAO-TI	III

14.5 Environmental hazards

none

14.6 Special precautions for user

there is no additional information

14.7 Maritime transport in bulk according to IMO instruments

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Particulars in the shipper's declaration	UN1263, Paint, 3, III
Reportable quantity (RQ)	9,358 lbs (4,249 kg) (MONOMERO DE ESTIRENO) (XILENE)
Danger label(s)	3



Special provisions (SP)	B1, B52, IB3, T2, TP1, TP29
ERG No	128

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings

Name of substance	CAS No	Remarks	Effective date
MONOMERO DE ESTIRENO	100-42-5		1986-12-31
TOLUENE	108-88-3		1986-12-31



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Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
MONOMERO DE ESTIRENO	100-42-5		1 3	1000 (454)
TOLUENE	108-88-3		1 2 3 4	1000 (454)

Legend

- 1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act
- 2 "2" indicates that the source is section 307(a) of the Clean Water Act
- 3 "3" indicates that the source is section 112 of the Clean Air Act
- 4 "4" indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA)

Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
ESTABILIZANTE	557-05-1		F2
MONOMERO DE ESTIRENO	100-42-5		CA F3 R2
TOLUENE	108-88-3		TE F3

Legend

- CA Carcinogenic
- F2 Flammable - Second Degree
- F3 Flammable - Third Degree
- R2 Reactive - Second Degree
- TE Teratogenic

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals			
Name acc. to inventory	CAS No	Remarks	Type of the toxicity
Styrene	100-42-5		Cancer



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Proposition 65 List of chemicals

Name acc. to inventory	CAS No	Remarks	Type of the toxicity
Toluene	108-88-3		Developmental

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	Chronic (long-term) health effects may result from repeated overexposure
Health	2	Temporary or minor injury may occur
Flammability	3	Material that can be ignited under almost all ambient temperature conditions
Physical hazard	0	Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	3	Material that can be ignited under almost all ambient temperature conditions
Health	2	Material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	Material that is normally stable, even under fire conditions
Special hazard		

National inventories

Country	Inventory	Status
US	TSCA	Not all ingredients are listed

Legend

TSCA Toxic Substance Control Act



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15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
29 CFR 1910.1200 App D	OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200 - Appendix D - Safety Data Sheets
49 CFR US DOT	49 CFR U.S. Department of Transportation
BCF	Bioconcentration factor
BOD	Biochemical Oxygen Demand
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
COD	Chemical oxygen demand
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
ERG No	Emergency Response Guidebook - Number
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code



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Abbr.	Descriptions of used abbreviations
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
Log KOW	n-Octanol/water
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
Ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
STEL	Short-term exposure limit
TWA	Time-weighted average
VPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Globally Harmonized System of Classification and Labelling of Chemicals ("Purple book").

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H226	Flammable liquid and vapour.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H316	Causes mild skin irritation.
H320	Causes eye irritation.



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Code	Text
H333	May be harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H401	Toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.