

Coatosil M-120XB Resin

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by
Regulation(EU) No. 2020/878

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

1.1 Product identifier

Product name: Coatosil M-120XB Resin

UFI: D2M0-J01Q-W00P-PM8Y

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

Identified uses: Professional Consumer Industrial

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information : Momentive Performance Materials GmbH
Chempark Leverkusen Gebaeude V7
DE - 51368 Leverkusen
Germany

Contact person : commercial.services@momentive.com

Telephone : General information
+390510924300 (Customer Service Centre)

1.4

Emergency telephone number : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44
(0) 1235239671

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Physical Hazards

Flammable liquids Category 3 H226: Flammable liquid and vapor.

Health Hazards

Skin irritation Category 2 H315: Causes skin irritation.

Serious eye damage Category 1 H318: Causes serious eye damage.

Specific Target Organ Toxicity -
Single Exposure Category 3 H335: May cause respiratory irritation.

Specific Target Organ Toxicity -
Repeated Exposure Category 2¹. H373: May cause damage to organs through
prolonged or repeated exposure.

Target Organs

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1. Liver, Kidney, hearing organs

Environmental Hazards

Chronic hazards to the aquatic environment

Category 3

H412: Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Contains:

Xylene
Ethylbenzene
n-BUTANOL



Signal Words:

Danger

Hazard Statement(s):

H226: Flammable liquid and vapor.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

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 and lighting equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P362+P364: Take off contaminated clothing and wash it before reuse.
P312: Call a POISON CENTER or doctor/ physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/ physician.
P314: Get medical advice/attention if you feel unwell.
P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

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

Unknown toxicity - Health

Acute toxicity, dermal 0 %
Acute toxicity, inhalation, vapor 0 %

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Acute toxicity, inhalation, dust or mist 0 %

Unknown toxicity - Environment

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 0 %

Additional Information: No data available.

2.3 Other hazards

Endocrine disrupting properties-Toxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties-ecotoxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Chemical nature: Silicone resin in solvent(s)

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Xylene	25 - <50%	1330-20-7	215-535-7	01-2119488216-32-XXXX	Not applicable	#
Ethylbenzene	10 - <20%	100-41-4	202-849-4	01-2119489370-35-XXXX	Not applicable	#
n-BUTANOL	5 - <10%	71-36-3	200-751-6	01-2119484630-38-XXXX	Not applicable	#
Octamethylcyclotetrasiloxane	0,01 - <0,1%	556-67-2	209-136-7	01-2119529238-36-XXXX	Aquatic Toxicity (Chronic): 10	PBT, vPvB

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by

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volume.
 # This substance has workplace exposure limit(s).
 PBT: persistent, bioaccumulative and toxic substance.
 vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Classification	Notes
Xylene	Flam. Liq.: 3: H226; Acute Tox.: 4: H312; Acute Tox.: 4: H332; Skin Corr.: 2: H315; Eye Dam.: 2: H319; STOT SE: 3: H335; STOT RE: 2: H373; Asp. Tox.: 1: H304; No data available.	Note CNote C
Ethylbenzene	Flam. Liq.: 2: H225; STOT RE: 2: H373; Asp. Tox.: 1: H304; Acute Tox.: 4: H332; Aquatic Chronic: 3: H412;	No data available. No data available.
n-BUTANOL	Flam. Liq.: 3: H226; Acute Tox.: 4: H302; Skin Corr.: 2: H315; Eye Dam.: 1: H318; STOT SE: 3: H335; STOT SE: 3: H336;	No data available.
Octamethylcyclotetrasiloxane	Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 1: H410;	

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: Move into fresh air and keep at rest. Treat symptomatically. Call a physician or poison control center immediately.

4.1 Description of first aid measures

Inhalation: Move into fresh air and keep at rest. Get medical attention.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.

Skin Contact: Take off immediately all contaminated clothing. Wash area with soap and water. Wash contaminated clothing before reuse. Get medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. Call a physician or poison control center immediately. Do not give victim anything to drink if he is unconscious.

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

Symptoms may be delayed. Narcotic effect. Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other severe central nervous system effects. Drowsiness, dizziness, disorientation, vertigo.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: May cause central nervous system effects.

Treatment: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. If swallowed, do NOT induce vomiting. Give a glass of water. Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.

SECTION 5: Firefighting measures

General Fire Hazards: Use standard firefighting procedures and consider the hazards of other involved materials. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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5.1 Extinguishing media	
Suitable extinguishing media:	All standard extinguishing agents are suitable.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.
5.2 Special hazards arising from the substance or mixture:	Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. In case of fire, carbon monoxide and carbon dioxide may be formed.
5.3 Advice for firefighters	
Special fire-fighting procedures:	Keep away from combustible material. Do not empty into drains.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Provide adequate ventilation. Keep up-wind to avoid fumes. DO NOT touch spilled material. Wash skin thoroughly with soap and water. Handle and open container with care. In case of insufficient ventilation, wear suitable respiratory equipment. Keep container tightly closed and in a well-ventilated place. Keep away from heat. Remove sources of ignition. Wash contaminated clothing before reuse. Do not taste or swallow. See Section 8 of the SDS for Personal Protective Equipment. Use spark-proof tools and explosion-proof equipment. Ground container and transfer equipment to eliminate static electric sparks. Keep away from heat, sparks and open flame.
6.2 Environmental Precautions:	Do not allow runoff to sewer, waterway or ground.
6.3 Methods and material for containment and cleaning up:	Remove sources of ignition. Collect spillage with granulates, sawdust, rags or other absorbent. Collect in marked containers and deliver to approved depot.
6.4 Reference to other sections:	Remove sources of ignition. Provide adequate ventilation.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling:	Use only with adequate ventilation. See Section 8 of the SDS for Personal Protective Equipment. Avoid contact with skin and eyes. Wash promptly with soap and water if skin becomes contaminated. Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Eliminate all sources of ignition.
Storage conditions:	Recommended storage temperature: <27°C
7.2 Conditions for safe storage, including any incompatibilities:	Keep in an area equipped with solvent resistant flooring. Keep away from food, drink and animal feeding stuffs. Keep away from sources of ignition - No smoking. Follow rules for flammable liquids. Use original container or packaging of similar material of construction
Storage Stability:	Stable under recommended storage and handling conditions.
7.3 Specific end use(s):	No data available.

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SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Xylene	TWA	50 ppm 220 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	STEL	100 ppm 441 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	STEL	100 ppm 442 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
Ethylbenzene	TWA	50 ppm 221 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	50 ppm 221 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	100 ppm 442 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	TWA	100 ppm 441 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	STEL	125 ppm 552 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
	TWA	100 ppm 442 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
n-BUTANOL	STEL	200 ppm 884 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	100 ppm 442 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	200 ppm 884 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	50 ppm 154 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)

Biological Limit Values

None.

8.2 Exposure controls

Appropriate Engineering Controls:

Eyewash bottle with clean water. Use only in well-ventilated areas. Use explosion-proof ventilation equipment to stay below exposure limits. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Observe good industrial hygiene practices.

Individual protection measures, such as personal protective equipment

General information:

Use only in well-ventilated areas. When using do not eat, drink or smoke. Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Wash hands after handling. Use explosion-proof ventilation equipment. Eye washes and showers for emergency use. Practice good housekeeping. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.

Eye/face protection:

Safety glasses with side-shields conforming to EN166

Skin protection

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Hand Protection:	<p>Advice: This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.</p> <p>Material: 730 Camatril Minimum break through time: 30 min Glove thickness: 0,4 mm Guideline: EN 374</p> <p>Advice: This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.</p> <p>Material: 890 Vitoject Minimum break through time: 480 min Glove thickness: 0,7 mm Guideline: EN 374</p>
Other:	Wear suitable protective clothing. Chemical resistant clothing Long sleeves Wash promptly with soap and water if skin becomes contaminated.
Respiratory Protection:	Respirator with a vapour filter (EN 141) Respiratory protection mask with Filtertype ABEK
Hygiene measures:	Avoid contact with eyes, skin, and clothing. Wear suitable gloves and eye/face protection. Wash hands after handling. When using do not eat, drink or smoke. It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.
Environmental exposure controls:	No release to wastewater from process as such, wastewater emissions limited to release generated from final equipment cleaning step using water

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Colorless
Odor:	Aromatic
Odor Threshold:	No data available.
pH:	7
Freezing point:	< -60 °C
Boiling Point:	120 °C (1.013 hPa)
Flash Point:	28 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	17 hPa (20 °C) 85 hPa (50 °C) (EU A4) 108 hPa (55 °C)
Relative vapor density:	No data available.
Density:	1,022 g/cm ³ (20 °C) (DIN 51757)
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	No data available.

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Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	75,6 mPa·s (20 °C)
Viscosity, kinematic:	74 mm ² /s (20 °C) > 20,5 mm ² /s (40 °C)
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

Minimum ignition temperature:	> 500 °C (DIN 51794)
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SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerization does not occur.
10.4 Conditions to avoid:	Keep away from sources of ignition - No smoking. Avoid heat, sparks, flame and high pressure.
10.5 Incompatible Materials:	Oxidizing agents.
10.6 Hazardous Decomposition Products:	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	LD 50 (Rat): > 2.500 mg/kg
Specified substance(s)	
Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	LD 50 (Rat): > 4.800 mg/kg

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Dermal

Product:	ATEmix: 3.333,33 mg/kg
Specified substance(s)	
Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	LD 50 (Rat): > 2.375 mg/kg

Inhalation

Product:	Vapour: ATEmix25 mg/l
Specified substance(s)	
Xylene	
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	LC50 (Rat, 4 h): 36 mg/l

Repeated dose toxicity

Product:	No data available.
Specified substance(s)	
Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

Skin Corrosion/Irritation:

Product:	No data available.
Specified substance(s)	
Xylene	(Rabbit): Slightly irritating.
Ethylbenzene	(Rabbit): Corrosive
n-BUTANOL	(Rabbit): Corrosive
Octamethylcyclotetrasiloxane	OECD Test Guideline 404 (Rabbit): Non irritating

Serious Eye Damage/Eye Irritation:

Product:	No data available.
Specified substance(s)	
Xylene	No data available.
Ethylbenzene	(Rabbit): slightly irritating (not classified according to the German Dangerous Substances legislation)
n-BUTANOL	No data available. (Rabbit): Irritating to eyes.
Octamethylcyclotetrasiloxane	OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating

Respiratory or Skin Sensitization:

Product:	No data available.
Specified substance(s)	
Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Not sensitizing

Germ Cell Mutagenicity

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In vitro

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic) Mouse Lymphoma Assay (OECD Guideline 476): negative (not mutagenic)

In vivo

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	Chromosomal aberration (OECD 475) Inhalation (Rat, male and female): negative Dominant lethal assay (OECD 478) Oral (Rat, male and female): negative

Carcinogenicity

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

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Target Organs:
 respiratory tract irritation

Aspiration Hazard

Product: No data available.

Specified substance(s)

Xylene No data available.
 Ethylbenzene No data available.
 n-BUTANOL No data available.
 Octamethylcyclotetrasiloxane No data available.

11.2 Information on other hazards

Endocrine disrupting properties

Product: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;

Components:

Xylene No data available.
 Ethylbenzene No data available.
 n-BUTANOL No data available.
 Octamethylcyclotetrasiloxane No data available.

Other effects: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Xylene No data available.
 Ethylbenzene No data available.
 n-BUTANOL No data available.
 Octamethylcyclotetrasiloxane No toxicity at the limit of solubility ; LC50 (Oncorhynchus mykiss, 96 h): > 0,022 mg/l

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Xylene No data available.
 Ethylbenzene No data available.
 n-BUTANOL No data available.
 Octamethylcyclotetrasiloxane No toxicity at the limit of solubility ; EC50 (Daphnia magna, 48 h): > 0,015 mg/l

Chronic Toxicity

Fish

Product: No data available.

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Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No toxicity at the limit of solubility ; NOEC (Oncorhynchus mykiss, 93 d): >= 0,0044 mg/l

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No toxicity at the limit of solubility ; NOEC (Daphnia magna, 21 d): > 0,015 mg/l

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No toxicity at the limit of solubility ; ErC50 (Selenastrum capricornutum, 96 h): > 0,022 mg/l

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	Biological degradability (28 d, No data available.): 68 %
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	(29 d, 310 Ready Biodegradability - CO ₂ in Sealed Vessels (Headspace Test)): 3,7 % Persistent Not readily biodegradable.

BOD/COD Ratio

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	Bioconcentration Factor (BCF): 12.400

12.4 Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Xylene	No data available.
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Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

12.5 Results of PBT and vPvB assessment:

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.

Octamethylcyclotetrasiloxane	Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB)
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Octamethylcyclotetrasiloxane (D4) meets the current EU REACH Annex XIII criteria for PBT and vPvB and has been added to the candidate list for Substances of very high concern (SVHC)., *However our understanding of the available science is that D4 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D4 is not biomagnifying in aquatic and terrestrial food webs. D4 in air will degrade by naturally occurring reactions in the atmosphere. Any D4 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms.*

12.6 Endocrine disrupting properties:

Product: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Components:

Xylene	No data available.
Ethylbenzene	No data available.
n-BUTANOL	No data available.
Octamethylcyclotetrasiloxane	No data available.

12.7 Other adverse effects:

Other hazards
Product: No data available.

Additional Information: Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground. This product is highly flammable. Don't use fire to cut empty container after use.

Disposal methods: Can be incinerated when in compliance with local regulations.

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SECTION 14: Transport information

ADR

14.1 UN number or ID number:	UN 1866
14.2 UN Proper Shipping Name:	RESIN SOLUTION
14.3 Transport Hazard Class(es)	
Class:	3
Label(s):	3
Hazard No. (ADR):	30
Tunnel restriction code:	(D/E)
14.4 Packing Group:	III
14.5 Environmental Hazards:	No
Marine Pollutant	No

ADN

14.1 UN number or ID number:	UN 1866
14.2 UN Proper Shipping Name:	RESIN SOLUTION
14.3 Transport Hazard Class(es)	
Class:	3
Label(s):	3
14.4 Packing Group:	III
14.5 Environmental Hazards:	No
Marine Pollutant	No

RID

14.1 UN number or ID number:	UN 1866
14.2 UN Proper Shipping Name	RESIN SOLUTION
14.3 Transport Hazard Class(es)	
Class:	3
Label(s):	3
14.4 Packing Group:	III
14.5 Environmental Hazards:	No
Marine Pollutant	No

IMDG

14.1 UN number or ID number:	UN 1866
14.2 UN Proper Shipping Name:	RESIN SOLUTION
14.3 Transport Hazard Class(es)	
Class:	3
Label(s):	3
EmS No.:	F-E, S-E
14.4 Packing Group:	III
14.5 Environmental Hazards:	No
Marine Pollutant:	No

IATA

14.1 UN number or ID number:	UN 1866
14.2 Proper Shipping Name:	Resin solution
14.3 Transport Hazard Class(es):	
Class:	3
Label(s):	3
14.4 Packing Group:	III
14.5 Environmental Hazards:	No
Marine Pollutant:	No

14.6 Special precautions for user: **Coatosil M-120XB Resin** strongly smelling Protect from moisture. heat sensitive from +25°C
Keep away from foodstuffs and animal feed.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code :

Not applicable

SECTION 15: Regulatory information

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

EU Regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: none

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: none

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
Xylene	1330-20-7	30 - 40%
Ethylbenzene	100-41-4	10 - 20%
n-BUTANOL	71-36-3	1,0 - 10%

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:

Classification	Lower-tier Requirements	Upper-tier Requirements
E1. Hazardous to the aquatic environment		
P5b. Flammable liquids	50 t	200 t
P5a. Flammable liquids	10 t	50 t
P5c. Flammable liquids	5.000 t	50.000 t

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:

Chemical name	CAS-No.	Concentration
Xylene	1330-20-7	30 - 40%
Ethylbenzene	100-41-4	10 - 20%

Coatosil M-120XB Resin

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

Chemical name	CAS-No.	Concentration
Xylene	1330-20-7	30 - 40%
Ethylbenzene	100-41-4	10 - 20%
n-BUTANOL	71-36-3	1,0 - 10%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: Commercial Status: Active
Taiwan. Taiwan inventory (CSNN):	y (positive listing)	Remarks: None.
REACH:	If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.	Remarks: None.
New Zealand Inventory of Chemicals:	y (positive listing)	Remarks: None.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Coatosil M-120XB Resin

H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Training information: No data available.

Classification according to Regulation (EC) No 1272/2008 as amended.

Flam. Liq. 3, H226
Skin Corr. 2, H315
Eye Dam. 1, H318
STOT SE 3, H335
STOT RE 2, H373
Asp. Tox. 1, H304

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Disclaimer:

Notice to reader

Unless otherwise specified in section 1.2, Momentive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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