



Safety Data Sheet

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

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Curing Agent – Part B

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

Product Identifier

Product name: Curing Agent – Part B

UFI: *[To be assigned per Regulation (EU) 2017/542]*

Recommended use of the product and restrictions on the use:

Relevant identification uses: Curing Agent Part B

Uses advised against: Not determined or applicable.

Reasons why use advised against: Not determined or not applicable.

Manufacturer or Supplier Details:

Manufacturer of the final adhesive product presentation:

FUSION POLYMERS SA DE CV

Joaquin de La Vega 11, El Rosario, Iztapalapa,

09930, Ciudad de Mexico. MEXICO

+52 55 5034 9427

regulatory@fusionepoxy.us

EU Importer/Distributor:

[Company Name – To be completed]

[Street Address, Postal Code, City, EU Member State]

[Telephone]

[E-mail of competent person responsible for the SDS]

Emergency telephone numbers:

[EU Poison Centre number – per member state of placing on the market]

Manufacturer Emergency Contact:

+52 55 5034 9427 (Available Monday – Friday, 7:00 – 16:30 CST for product related emergencies)

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Section 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Skin irritation, Category 2

Eye irritation, Category 2

Skin Sensitisation, Category 1

2.2 Label Elements:

Signal word: Warning

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

Precautionary statements:

Prevention:

P264 Wash skin and eyes thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

Response:

P321 Specific treatment (see supplemental first aid instructions on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

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

P337+P313 If eye irritation persists get medical advice/attention.

Disposal:

P501 Dispose of contents/containers in accordance with local/regional/national/international regulations.

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2.3 Other hazards

This substance/mixture does not meet the PBT or vPvB criteria of REACH Annex XIII.

Hazards not otherwise classified: None

Section 3: Composition/Information of Ingredients

IDENTIFICATION (CAS #)	EC NUMBER	NAME	WEIGHT (%)	CLP CLASSIFICATION
471-34-1	207-439-9	CALCIUM CARBONATE	30 – 37*	Not classified
14807-96-6	238-877-9	TALC	25 – 32 *	Not classified
32610-77-8	251-136-4	CURING AGENT AMINE	19 - 26 *	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317
7631-86-9	231-545-4	POLYAMIDE	10-15 *	Not classified
7631-86-9	231-545-4	KAOLIN	.49 - .70 *	Not classified

** Exact concentrations of components are withheld as trade secrets as permitted by Article 11 of Regulation (EC) No 1272/2008. Concentration ranges are provided to comply with classification requirements without revealing proprietary formulation details.*

REACH Registration numbers: To be verified with EU importer.

For the full text of H-statements mentioned in this section, see Section 16.

Section 4: First Aid Measures

Description of first aid measures:

General Notes:

Not determined or not applicable

After Inhalation:

Loosen clothing necessary and position individual in a comfortable position.

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell.

After Skin Contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention



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Take off all contaminated clothing

Wash with plenty of lukewarm, gently flowing water

Get medical advice if skin irritation occurs or you feel unwell.

After Eye Contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eye lids open.

Remove contact lenses, if present and easy to do.

Continue rinsing for 15-20 minutes

Get medical advice if eye irritation persists

After Swallowing:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not applicable

Delayed symptoms and effects:

Not determined or not applicable

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable

Notes for the doctor:

Not determined or not applicable

Section 5: Firefighting measures

Extinguishing media

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Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing media:

Not determined or not applicable

Special hazards arising from the substance or mixture:

Thermal decomposition can lead irritating gases and vapours.

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Special precautions:

Not determined or not applicable

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Ensure adequate ventilation

Ensure air handling systems are operational

Wear protective eye wear, gloves, and clothing

Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer, or waterway

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter soil/subsoil.

Methods and material for containers and cleaning up:

Wear protective eye wear, gloves, and clothing

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders.

Dispose of contents/container in accordance with local/regional/national/international regulations

Reference to other sections:

See Section 8 for exposure controls. See Section 13 for disposal.

Section 7: Handling and Storage

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Precautions for safe handling:

Use only with adequate ventilation

Avoid breathing mist or vapour

Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for storage, including any incompatibilities:

Keep container tightly sealed

Protect from freezing and physical damage

Store in a cool, well-ventilated area

Conditions for safe storage:

Keep container tightly sealed

Protect from freezing and physical damage

Store in a cool, well-ventilated area

Specific end use(s):

See Section 1 for identified uses.

Section 8: Exposure Controls / Personal Protection

Only those substances with limit values have been included below:

Occupational Exposure limit values:

No EU-harmonised occupational exposure limits noted for the ingredient(s). Consult national OELs of the relevant EU Member State.

Biological limit values:

No biological exposure limits noted for the ingredient(s).

DNEL/PNEC values:

[To be completed based on REACH registration dossier data]

Information or monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

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Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection:

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection (EN 166)

Skin and body protection:

Select glove material impermeable and resistant to the substance (EN 374). Recommended: nitrile rubber gloves, breakthrough time > 480 min.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator conforming to EN 149 (FFP2 or higher) must be worn.

General hygienic measures:

Avoid contact with skin, eyes, and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

Environmental exposure controls:

Prevent release to drains, surface waters or groundwater.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

APPEARANCE	CLEAR LIQUID
ODOUR	MILD
ODOUR THRESHOLD	NOT DETERMINED OR NOT AVAILABLE
pH	NOT DETERMINED OR NOT AVAILABLE
MELTING POINT/FREEZING	-16°C (at 1013hPa)
INITIAL BOILING POINT/RANGE	320°C
FLASH POINT (CLOSED UP)	266°C (at 1013hPa)
EVAPORATION RATE	NOT DETERMINED OR NOT AVAILABLE

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FLAMMABILITY (SOLID, GAS)	NOT DETERMINED OR NOT AVAILABLE
UPPER FLAMMABILITY / EXPLOSIVE LIMIT	NOT DETERMINED OR NOT AVAILABLE
LOWER FLAMMABILITY / EXPOSURE LIMIT	NOT DETERMINED OR NOT AVAILABLE
VAPOUR PRESSURE	NOT DETERMINED OR NOT AVAILABLE
VAPOUR DENSITY AT 25°C	4.6E-8 PA
DENSITY AT 25°C	1.16 – 1.18 G/CM3 (ASTM D4052)
RELATIVE DENSITY	NOT DETERMINED OR NOT AVAILABLE
SOLUBILITIES AT 20°C	6.9 MG/L
PARTITION COEFFICIENT (N-OCTANOL/WATER)	NOT DETERMINED OR NOT AVAILABLE
AUTO/SELF-IGNITION TEMPERATURE	NOT DETERMINED OR NOT AVAILABLE
DECOMPOSITION TEMPERATURE	NOT DETERMINED OR NOT AVAILABLE
VISCOSITY	11000 – 15000CPS, 25°C
KINEMATIC VISCOSITY	NOT DETERMINED OR NOT AVAILABLE
EXPLOSIVE PROPERTIES	NOT DETERMINED OR NOT AVAILABLE
OXIDISING PROPERTIES	NOT DETERMINED OR NOT AVAILABLE

Section 10: Stability and Reactivity

Reactivity:

Does not react under normal conditions of use and storage

Chemical stability:

Stable under normal conditions of use and storage

Possibility of hazardous reactions:

None under normal conditions of use and storage

Conditions to avoid:

None known

Incompatible materials:

None known.

Hazardous decomposition products:

None known

Section 11: Toxicological Information

Acute toxicity



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

Product Data: No data available

Substance data: No data available

Skin corrosion/irritation

Assessment:

Causes skin irritation.

Product data:

No data available

(Continuance of Section 11)

Substance data:

NAME	RESULT
CURING AGENT AMINE	MAY CAUSE SKIN IRRITATION

Serious eye damage/irritation

Assessment:

Causes serious eye irritation

Product Data:

No data available

Substance Data:

NAME	RESULT
CURING AGENT AMINE	MAY CAUSE EYE IRRITATION

Respiratory or skin sensitisation

Assessment:

May cause an allergic skin reaction

Product data:

No data available

Substance Data:

NAME	RESULT
CURING AGENT AMINE	MAY CAUSE AN ALLERGIC REACTION

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Carcinogenicity

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

Product data: No data available

Substance data: No data available

International Agency for Research on Cancer (IARC): None of the ingredients are listed.

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cells mutagenicity

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

Product data: No data available

Substance data: No data available

Reproductive toxicity

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

Product data: No data available

Substance data: No data available

Specific target organ toxicity (single exposure)

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

Product data: No data available

Substance data: No data available

Specific target organ toxicity (repeated exposure)

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

Product data: No data available

Substance data: No data available

Aspiration toxicity

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

Product data: No data available

Substance data: No data available

Information on likely routes of exposure:

No data available

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Symptoms related to the physical, chemical, and toxicological characteristics:

No data available

Endocrine disrupting properties:

No data available.

Other information:

No data available

Section 12: Ecological Information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met

Product data: No data available

Substance Data:

NAME	RESULT
CURING AGENT AMINE	NO DATA AVAILABLE

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met

Product data: No data available

Substance data: No data available

Persistence and degradability

Assessment: Based on available data, the classification criteria are not met

Product data: No data available

Substance data: No data available

Bioaccumulative potential

Assessment: Based on available data, the classification criteria are not met

Product data: No data available

Substance data: No data available

Mobility in soil

Product data: No data available

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Substance data: No data available

Results of PBT and vPvB assessment

This mixture does not contain any substances assessed to be PBT or vPvB under current REACH Annex XIII criteria.

Endocrine disrupting properties

No data available.

Other adverse effects: No data available

Section 13: Disposal Information

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

Dispose of in accordance with Directive 2008/98/EC on waste. Consult the appropriate local authority for guidance.

European Waste Catalogue (EWC): *[To be assigned based on waste origin, e.g. 08 04 09*]*

Contaminated packaging: Dispose in the same manner as the product.

Section 14: Transport Information

ADR/RID (European Road/Rail Transport)

UN NUMBER	NOT REGULATED
UN PROPER SHIPPING NAME	NOT REGULATED
UN TRANSPORT HAZARD CLASS(ES)	NONE
PACKING GROUP	NONE
ENVIRONMENTAL HAZARDS	NONE
SPECIAL PRECAUTIONS FOR USER	NONE

IMDG (Sea) / ICAO/IATA (Air)

UN NUMBER	NOT REGULATED
UN PROPER SHIPPING NAME	NO DATA AVAILABLE

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UN TRANSPORT HAZARD CLASS(ES)	NO DATA AVAILABLE
PACKING GROUP	NOT REGULATED
ENVIRONMENTAL HAZARDS	NOT REGULATED
SPECIAL PRECAUTIONS	NOT REGULATED

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

BULK NAME	NONE
SHIP TYPE	NONE
POLLUTION CATEGORY	NONE

Section 15: Regulatory Information

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

EU Regulations:

Regulation (EC) No 1907/2006 (REACH)

Regulation (EC) No 1272/2008 (CLP)

Commission Regulation (EU) 2020/878 (SDS format)

Regulation (EU) 2017/542 (Annex VIII to CLP – UFI)

REACH Candidate List (SVHC):

Check the REACH Candidate List of Substances of Very High Concern (SVHC) for any listed ingredients.
Curing Agent Amine (CAS 32610-77-8) status to be verified.

Seveso III Directive (2012/18/EU): Not subject based on current classification.

VOC Directive (2004/42/EC): *[To be evaluated]*

Inventory listing:

32610-77-8 CURING AGENT AMINE – REACH pre-registered / registered (verify with EU importer)

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

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Section 16: Other information and Legal Disclaimers

Full text of H-statements referred to in Sections 2 and 3:

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

Abbreviations:

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road

CLP – Classification, Labelling and Packaging (Regulation (EC) No 1272/2008)

DNEL – Derived No-Effect Level

OEL – Occupational Exposure Limit

PBT – Persistent, Bioaccumulative and Toxic

PNEC – Predicted No-Effect Concentration

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals

SVHC – Substance of Very High Concern

UFI – Unique Formula Identifier

vPvB – very Persistent and very Bioaccumulative

Legal Disclaimer:

English:

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Español

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End of Safety Data Sheet

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