

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076 32	Date of first issue: 15.08.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name : H 2A80 FillCURE Plus 1L

Product code : 000000002050007632

1.2 Relevant identified uses of the substance or mixture and uses advised againstUse of the Sub- : Spraying
stance/Mixture hardener**1.3 Details of the supplier of the safety data sheet****Company:**BASF Coatings France SAS
Z.I de Breuil-Le-Sec, Rue André Pommery
60480 Breuil-Le-Sec
France

Telephone: +33 3 4477-7777

E-mail address: Product-Stewardship-EMEA@basf.com

1.4 Emergency telephone

Local: 080 001 4676 (english)

International: +44 20 3885 0382 (multilingual)

National emergency number: +27 11 203 2420

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)**

Flammable liquids, Category 3

H226: Flammable liquid and vapor.

Acute toxicity, Category 4

H332: Harmful if inhaled.

Skin irritation, Category 2

H315: Causes skin irritation.

Eye irritation, Category 2

H319: Causes serious eye irritation.

Skin sensitization, Category 1

H317: May cause an allergic skin reaction.

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

Specific target organ toxicity - single exposure, Category 3, Respiratory system
 Specific target organ toxicity - single exposure, Category 3, Central nervous system
 Specific target organ toxicity - repeated exposure, Category 2

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H373: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard, Category 1

H304: May be fatal if swallowed and enters airways.

2.2 Label elements**Labeling (REGULATION (EC) No 1272/2008)**

Hazard pictograms :



Signal Word : Danger

Hazard Statements	:	H226	Flammable liquid and vapor.
		H304	May be fatal if swallowed and enters airways.
		H315	Causes skin irritation.
		H317	May cause an allergic skin reaction.
		H319	Causes serious eye irritation.
		H332	Harmful if inhaled.
		H335	May cause respiratory irritation.
		H336	May cause drowsiness or dizziness.
		H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements :

Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe mist or vapors.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331	Do NOT induce vomiting.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous ingredients which must be listed on the label:

n-Butyl acetate
 (OLIGOMER) Hexamethylene diisocyanate isocyanurate-type oligomers

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

xylene
HDI-Oligomer(Trimer)
1,6-hexamethylene diisocyanate

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Chemical nature : polyisocyanate
organic solvent

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
n-Butyl acetate	123-86-4 204-658-1 607-025-00-1 01-2119485493-29-0004 01-2119485493-29-0005	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system)	>= 25 - < 50
(OLIGOMER) Hexamethylene diisocyanate isocyanurate-type oligomers	28182-81-2	Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system)	>= 25 - < 50
xylene	1330-20-7 215-535-7 601-022-00-9	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 (Kidney, Liver, Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 3;	>= 15 - < 20

H 2A80 FillCURE Plus 1L

Version 2.0 Revision Date: 12.05.2026 SDS Number: 0000000020500076 Date of last issue: 18.08.2025
 Date of first issue: 15.08.2025
 32

HDI-Oligomer(Trimer)	28182-81-2	H412 Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system)	$\geq 7 - < 10$
ethylbenzene	100-41-4 202-849-4 601-023-00-4	Flam. Liq. 2; H225 Acute Tox. 4; H332 STOT RE 2; H373 (Auditory system) Asp. Tox. 1; H304 Aquatic Chronic 3; H412	$\geq 2,5 - < 3$
trimethoxy(3-(oxiranylmethoxy)propyl)silane	2530-83-8 219-784-2	Eye Dam. 1; H318 Aquatic Chronic 3; H412	$\geq 2,5 - < 3$
1,6-hexamethylene diisocyanate	822-06-0 212-485-8 615-011-00-1	Acute Tox. 4; H302 Acute Tox. 1; H330 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system) specific concentration limit Resp. Sens. 1; H334 $\geq 0,5 \%$ Skin Sens. 1; H317 $\geq 0,5 \%$	$< 0,1$

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing. In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product. Symptoms of poisoning may occur even after several hours, continue medical observation for at least 48 hours after the

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025

32

accident.
Move out of dangerous area.
Never give anything by mouth to an unconscious person.
Keep patient warm and at rest.

- If inhaled : If breathed in, move person into fresh air.
Call a physician or poison control center immediately.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Call a physician immediately.
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
Call a physician immediately.
If easy to do, remove contact lens, if worn.
- If swallowed : Do not induce vomiting due to aspiration hazard.
Keep at rest.
Rinse mouth with water.
If swallowed, call a poison control center or doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.
- Risks : When inhaled (e.g. during vomiting) risk of pulmonary oedema and/or pneumonia.
Risk of product entering the lungs on vomiting after ingestion.
- May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No known specific antidote.

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076 32	Date of first issue: 15.08.2025

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media : Dry powder
Carbon dioxide (CO₂)
Water spray
Foam

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Fire will produce dense black smoke containing hazardous combustion products (see section 10).

Hazardous combustion products : Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Special protective equipment for fire-fighters : Appropriate breathing apparatus may be required.

Further information : Cool containers/tanks with water spray.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Avoid breathing vapours.
For non-emergency personnel:
Use personal protective equipment.
Ensure adequate ventilation, especially in confined areas.
Keep away from sources of ignition.
For emergency responders:
Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
32			

6.2 Environmental precautions

Environmental precautions : Do not allow uncontrolled discharge of product into the environment.
Avoid subsoil penetration.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth. Place in a suitable container. The contaminated area should be cleaned up immediately with a suitable decontaminant. One possible (flammable) decontaminant comprises (by volume): ethanol or isopropyl alcohol (50 parts); water (45 parts); concentrated ammonia solution (5 parts). A non-flammable alternative is: sodium carbonate (5 parts); water (95 parts). Add the same decontaminant to the remnants and let stand for several days until no further reaction in non-sealed container. Once this stage is reached, close container and dispose according to the waste regulations (see section 13).

Ensure adequate ventilation.

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling : Protect from moisture.
Do not breathe vapors or spray mist.
Open drum carefully as content may be under pressure.
Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with the skin, eyes and clothing.
The workplace should be equipped with an emergency shower and eye-rinsing facility.
When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.
Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

- Do not return residues to the storage containers.
Provide good ventilation of working area (local exhaust ventilation if necessary).
- Advice on protection against fire and explosion : Avoid all sources of ignition: heat, sparks, open flame. Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear. Solvent vapors are heavier than air and spread along floors. Vapor forms explosive mixtures with air.
- The relevant fire protection measures should be noted. Use explosion-proof equipment.
- Hygiene measures : Remove contaminated clothing immediately and dispose of safely.
Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

- Further information on storage conditions : Keep in a cool, well-ventilated place. Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Exercise caution when opening to allow pressure release. Precautions should be taken to minimise exposure to atmospheric humidity or water: carbon dioxide will be formed which in closed containers can result in pressurisation. Always keep in containers of same material as the original one. Observe label precautions.
- Advice on common storage : Keep away from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water. Uncontrolled exothermic reactions occur with amines and alcohols. The product reacts with water resulting in evolution of carbon dioxide. In closed containers, pressure build up could result in distortion, blowing and in extreme cases bursting of the container.
- Packaging material : Suitable material: Carbon steel (Iron), tinned carbon steel (Tinplate)

7.3 Specific end use(s)

- Specific use(s) : Please refer to the technical leaflet for further information.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational Exposure Limits**

Components	CAS-No.	Value type (Form	Control parameters	Basis
------------	---------	------------------	--------------------	-------

H 2A80 FillCURE Plus 1L

Version 2.0 Revision Date: 12.05.2026 SDS Number: 0000000020500076 Date of last issue: 18.08.2025
 Date of first issue: 15.08.2025
 32

		of exposure)		
n-Butyl acetate	123-86-4	STEL	150 ppm 723 mg/m3	2019/1831/E U
	Further information: Indicative			
		TWA	50 ppm 241 mg/m3	2019/1831/E U
	Further information: Indicative			
		OEL-RL	100 ppm	ZA OEL
	Further information: Occupational Exposure Limits - Restricted Limits For Hazardous Chemical Agents			
		OEL- RL STEL/C	300 ppm	ZA OEL
	Further information: Occupational Exposure Limits - Restricted Limits For Hazardous Chemical Agents			
		STEL	150 ppm 723 mg/m3	2019/1831/E U
		TWA	50 ppm 241 mg/m3	2019/1831/E U
xylene	1330-20-7	TWA	50 ppm 221 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	100 ppm 442 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		OEL-RL	200 ppm	ZA OEL
	Further information: danger of cutaneous absorption, Occupational Exposure Limits - Restricted Limits For Hazardous Chemical Agents			
		OEL- RL STEL/C	300 ppm	ZA OEL
	Further information: danger of cutaneous absorption, Occupational Exposure Limits - Restricted Limits For Hazardous Chemical Agents			
		TWA	50 ppm 221 mg/m3	2000/39/EC
		STEL	100 ppm 442 mg/m3	2000/39/EC
ethylbenzene	100-41-4	TWA	100 ppm 442 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	200 ppm 884 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		OEL-RL	40 ppm	ZA OEL
	Further information: danger of cutaneous absorption, Occupational Exposure Limits - Restricted Limits For Hazardous Chemical Agents, denotes carcinogenicity, which is based on GHS categorisation, including category 1A, 1B			
		TWA	100 ppm	2000/39/EC

H 2A80 FillCURE Plus 1L

Version 2.0 Revision Date: 12.05.2026 SDS Number: 0000000020500076 Date of last issue: 18.08.2025
 Date of first issue: 15.08.2025
 32

			442 mg/m ³	
		STEL	200 ppm 884 mg/m ³	2000/39/EC
1,6-hexamethylene diisocyanate	822-06-0	OEL-RL	0,01 ppm	ZA OEL
Further information: Occupational Exposure Limits - Restricted Limits For Hazardous Chemical Agents				

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
xylene	1330-20-7	Methylhippuric acids: 1.5 g/g creatinine (Urine)	End of shift	ZA BEI
ethylbenzene	100-41-4	Sum of mandelic acid and phenylglyoxylic acid: 0.15 g/g creatinine (Urine)	End of shift	ZA BEI
1,6-hexamethylene diisocyanate	822-06-0	1,6-Hexamethylene diamine: 15 µg/g creatinine (Urine)	End of shift	ZA BEI

8.2 Exposure controls**Engineering measures**

Ensure adequate ventilation.

Personal protective equipment

- Eye/face protection : Required when there is a risk of eye contact.
 Tightly fitting safety goggles (splash goggles) (e.g. EN 166)
- Hand protection : Wear protective gloves. Any chemical protection glove certified according to EN ISO 374-1 is suitable: e.g. butyl rubber gloves - material thickness: 0.5 mm
 Further information on penetration time is available from the manufacturer of the glove.
 Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components.
 The suitability for a specific workplace should be discussed with the producers of the protective gloves.
 Request information on glove permeation properties from the glove supplier.
 Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
 Preventive skin protection
 Suitable materials for short-term contact (recommended: At least protective index 2, corresponding > 30 minutes of per-

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
32			

meation time according to EN ISO 374-1)
Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1):
Suitable materials against splashes (recommended: At least protective index 1, corresponding > 10 minutes of permeation time according to EN ISO 374-1)

Skin and body protection : Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant synthetic fibres. chemical-resistant disposable coveralls

Respiratory protection : Suitable respiratory equipment:
half-mask with A2P2 class combination filter
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Protective measures : Do not breathe vapour/spray.
Eye wash fountains and safety showers must be easily accessible.

Under cool dry conditions, it is possible for the isocyanate to remain unreacted in the paint film for up to 30 hours after application.

Respiratory protective equipment should be worn by spray booth operatives.

Avoid contact with the skin, eyes and clothing.
Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state	: liquid
Form	: liquid
Color	: colorless
Odor	: of acetate
pH	: substance/mixture reacts with water
Melting point/freezing point	: not determined
Boiling point/boiling range	: 123,00 - 133,00 °C

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025

32

Flash point	:	26 °C Method: ISO 3679
Evaporation rate	:	not determined
Flammability	:	Flammable liquid and vapour.
Sustained combustibility	:	Sustains combustibility: yes
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	> 35,0 g/m ³
Vapor pressure	:	11,0 hPa (20 °C) 55,0 hPa (50 °C)
Density	:	0,964 g/cm ³ (20 °C)
Solubility(ies) Water solubility	:	not determined
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Autoignition temperature	:	> 200 °C
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity Viscosity, kinematic	:	7,3 mm ² /s (23 °C) not determined (40 °C)
Flow time	:	> 30 s at 23 °C Cross section: 3 mm Method: ISO 2431
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.

9.2 Other information

Self-heating substances	:	The substance or mixture is not classified as self heating.
-------------------------	---	---

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
32			

Metal corrosion rate : Not corrosive to metals.

Particle size : The substance / product is marketed or used in a non solid or granular form.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form ignitable mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Avoid direct contact with water.
Avoid direct sunlight.

Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Keep away from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water. Uncontrolled exothermic reactions occur with amines and alcohols. The product reacts with water resulting in evolution of carbon dioxide. In closed containers, pressure build up could result in distortion, blowing and in extreme cases bursting of the container.

10.6 Hazardous decomposition products

Nitrogen oxides (NO_x)
Hydrogen cyanide (hydrocyanic acid)
Isocyanates

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Harmful if inhaled.

Product:

Acute inhalation toxicity : Acute toxicity estimate: 19,19 mg/l

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Skin corrosion/irritation

Causes skin irritation.

Components:**n-Butyl acetate:**

Assessment : Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

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

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

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

STOT-single exposure

May cause respiratory irritation.

May cause drowsiness or dizziness.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

May be fatal if swallowed and enters airways.

Further information**Product:**

Remarks : Based on the properties of the isocyanate components and considering toxicological data on similar product, this product may cause acute irritation and/or sensitization of the respiratory system leading to an asthmatic condition, wheeziness and

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the occupational exposure limit. Repeated inhalation may lead to a permanent respiratory disability.

SECTION 12: Ecological information**12.1 Toxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential**Components:****n-Butyl acetate:**

Partition coefficient: n-octanol/water : Pow: 200 (25 °C)
log Pow: 2,3 (25 °C)
pH: 7
Method: OECD Test Guideline 117
GLP: yes

(OLIGOMER) Hexamethylene diisocyanate isocyanurate-type oligomers:

Partition coefficient: n-octanol/water : log Pow: 9,81 (25 °C)

xylene:

Partition coefficient: n-octanol/water : log Pow: 3,12 - 3,20 (25 °C)
GLP: no
Remarks: Information taken from reference works and the literature.

HDI-Oligomer(Trimer):

Partition coefficient: n-octanol/water : log Pow: 9,81 (25 °C)

ethylbenzene:

Partition coefficient: n-octanol/water : Pow: 4.170 (20 °C)
log Pow: 3,6 (20 °C)
pH: 7,8
GLP: yes

trimethoxy(3-(oxiranylmethoxy)propyl)silane:

Partition coefficient: n-octanol/water : log Pow: -0,915

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

| octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects**Product:**

Endocrine disrupting potential : 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.

Additional ecological information : Avoid release to the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product : Dispose of isocyanate waste in dry containers and never mix together with other wastes (reaction, dangerous pressure build up).

Do not discharge into drains/surface waters/groundwater.
Observe national and local legal requirements.

Contaminated packaging : Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC

Residues in empty containers should be neutralised with decontaminant (see section 6).
Packaging that is not properly emptied must be disposed of as the unused product.

Waste Code : 08 01 11, waste paint and varnish containing organic solvents or other hazardous substances

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

SECTION 14: Transport information

14.1 UN number

UNRTDG	:	UN 1263
IMDG	:	UN 1263
IATA	:	UN 1263

14.2 UN proper shipping name

UNRTDG	:	PAINT
IMDG	:	PAINT
IATA	:	PAINT

14.3 Transport hazard class(es)

	Class	Subsidiary risks
UNRTDG	:	3
IMDG	:	3
IATA	:	3

14.4 Packing group

UNRTDG	
Packing group	: III
Labels	: 3
IMDG	
Packing group	: III
Labels	: 3
EmS Code	: F-E, <u>S-E</u>
IATA (Cargo)	
Packing instruction (cargo aircraft)	: 366
Packing instruction (LQ)	: Y344
Packing group	: III
Labels	: Flammable Liquids
IATA (Passenger)	
Packing instruction (passenger aircraft)	: 355
Packing instruction (LQ)	: Y344
Packing group	: III
Labels	: Flammable liquid

14.5 Environmental hazards

UNRTDG	
Environmentally hazardous	: no

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:
Number on list 3

Number on list 3

Number on list 20

Number on list 75

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59) : Not applicable

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

P5c

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P5c FLAMMABLE LIQUIDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)

Volatile organic compounds (VOC) content: 59,43 %

Volatile organic compounds (VOC) content: 572,90 g/l

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

VOC content excluding water

Other regulations:

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

15.2 Chemical Safety Assessment

Assessment of safe use has been performed for the mixture and the result is documented in section 7 and 8 of the SDS

SECTION 16: Other information**Full text of H-Statements**

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.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H330	: Fatal if inhaled.
H332	: Harmful if inhaled.
H334	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H373	: May cause damage to organs through prolonged or repeated exposure.
H412	: Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Resp. Sens.	: Respiratory sensitization
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitization
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
2000/39/EC	: Europe. Commission Directive 2000/39/EC establishing a first

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

	list of indicative occupational exposure limit values
2019/1831/EU	: Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
ZA BEI	: South Africa. The Regulations for Hazardous Chemical Agents, Biological Exposure Indices
ZA OEL	: South Africa. The Regulations for Hazardous Chemical Agents, Occupational Exposure Limits
2000/39/EC / TWA	: Limit Value - eight hours
2000/39/EC / STEL	: Short term exposure limit
2019/1831/EU / TWA	: Limit Value - eight hours
2019/1831/EU / STEL	: Short term exposure limit
ZA OEL / OEL-RL	: Occupational Exposure Limit Restricted limit - 8- hour exposure or equivalent (12 hour shifts)
ZA OEL / OEL- RL STEL/C	: Occupational Exposure Limit Restricted limit - Short term occupational exposure limits / ceiling limits

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

H 2A80 FillCURE Plus 1L

Version	Revision Date:	SDS Number:	Date of last issue: 18.08.2025
2.0	12.05.2026	0000000020500076	Date of first issue: 15.08.2025
		32	

Other information : For multi-pack systems observe material safety data sheets of all components.
Restricted to professional users.

Classification of the mixture:

Flam. Liq. 3	H226
Acute Tox. 4	H332
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
STOT SE 3	H335
STOT SE 3	H336
STOT RE 2	H373
Asp. Tox. 1	H304

Classification procedure:

Based on product data or assessment
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

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.

ZA / EN