

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
Date of first issue: 07/05/2022

SECTION 1. IDENTIFICATION

Product name : WABO URA SEALANT, PART B

Other means of identification : Part #2760

Manufacturer or supplier's details

Company name of supplier : Watson Bowman Acme Corp.

Address : 95 Pineview Drive
Amherst, NY 14228

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Sealant

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation : Category 2

Respiratory sensitization : Category 1

Skin sensitization : Category 1

Carcinogenicity : Category 2

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

Short-term (acute) aquatic hazard : Category 2

Long-term (chronic) aquatic hazard : Category 2

GHS label elements

Hazard pictograms :



WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
Date of first issue: 07/05/2022

- Signal Word : Danger
- Hazard Statements : H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
- Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing mist or vapors.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P285 In case of inadequate ventilation wear respiratory protection.
- Response:**
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P331 Do NOT induce vomiting.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.
P362 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.
- Storage:**
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
- Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

CONTAINS ISOCYANATES. INHALATION OF ISOCYANATE MISTS OR VAPORS MAY CAUSE RESPIRATORY IRRITATION, BREATHLESSNESS, CHEST DISCOMFORT AND REDUCED PULMONARY FUNCTION. OVEREXPOSURE WELL ABOVE THE PEL MAY

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
Date of first issue: 07/05/2022

RESULT IN BRONCHITIS, BRONCHIAL SPASMS AND PULMONARY EDEMA. LONG-TERM EXPOSURE TO ISOCYANATES HAS BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING REDUCED LUNG FUNCTION WHICH MAY BE PERMANENT. ACUTE OR CHRONIC OVEREXPOSURE TO ISOCYANATES MAY CAUSE SENSITIZATION IN SOME INDIVIDUALS, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING. ANIMAL TESTS INDICATE THAT SKIN CONTACT MAY PLAY A ROLE IN CAUSING RESPIRATORY SENSITIZATION.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Isocyanates

Components

Chemical name	CAS-No.	Concentration (% w/w)
solvent naphtha	64742-94-5	>= 20 - < 30
Toluene Diisocyanate	26471-62-5	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Remove contaminated clothing.
- If inhaled : Remove the affected individual into fresh air and keep the person calm.
Assist in breathing if necessary.
Immediate medical attention required.
- In case of skin contact : After contact with skin, wash immediately with plenty of water and soap.
If irritation develops, seek medical attention.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
Remove contact lenses, if present.
Seek medical advice.
- If swallowed : Rinse mouth and then drink 200-300 ml of water.
Do NOT induce vomiting.
Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.
Immediate medical attention required.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.
May cause an allergic skin reaction.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause drowsiness or dizziness.
Suspected of causing cancer.
- Notes to physician : Treat symptomatically.

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
Date of first issue: 07/05/2022

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
Dry powder
Carbon dioxide (CO₂)
Foam
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Reacts with water, with formation of carbon dioxide.
- Hazardous combustion products : nitrous gases
fumes/smoke
isocyanate
vapor
- Further information : Keep containers cool by spraying with water if exposed to fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
- Special protective equipment for fire-fighters : Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
-

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Clear area.
Ensure adequate ventilation.
Wear suitable personal protective clothing and equipment.
- Environmental precautions : Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Dike spillage.
If temporary control of isocyanate vapor is required, a blanket of protein foam or other suitable foam (available from most fire departments) may be placed over the spill. Transfer as much liquid as possible via pump or vacuum device into closed but not sealed containers for disposal.
Absorb isocyanate with suitable absorbent material (see § 40 CFR, sections 260, 264 and 265 for further information).
Shovel into open container.
Spill area can be decontaminated with the following recommended decontamination solution:
Mixture of 90 % water, 5-8 % household ammonia, 2-5 % detergent.
Wash down spill area with decontamination solution.
Allow solution to stand for at least 10 minutes.
Pick up with suitable absorbent material.
Place into appropriately labeled waste containers.
Do not make container pressure tight.
Move container to a well-ventilated area (outside).
Allow to stand for at least 48 hours to allow escape of evolved carbon dioxide.
-

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
 Date of first issue: 07/05/2022

Dispose of absorbed material in accordance with regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No explosion proofing necessary.
- Advice on safe handling : Provide suitable exhaust ventilation at the processing machines.
 Ensure thorough ventilation of stores and work areas.
 Avoid aerosol formation.
 When handling heated product, vapours of the product should be ventilated, and respiratory protection used.
 Wear respiratory protection when spraying.
 Danger of bursting when sealed gastight.
 Protect against moisture.
 If bulging of drum occurs, transfer to well ventilated area, puncture to relieve pressure, open vent and let stand for 48 hours before resealing.
- Further information on storage stability : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
solvent naphtha	64742-94-5	TWA value (Non-aerosol)	200 mg/m ³ (total hydrocarbon vapor)	ACGIHTLV
		Skin Designation (Non-aerosol)		ACGIHTLV
		REL value	100 mg/m ³	NIOSH
		TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
Toluene Diisocyanate	26471-62-5	C	0.02 ppm 0.14 mg/m ³	OSHA Z-1
		TWA (Inhalable fraction and vapor)	0.001 ppm	ACGIH
		STEL (Inhalable fraction and vapor)	0.005 ppm	ACGIH
		TWA	0.005 ppm 0.04 mg/m ³	OSHA P0
		STEL	0.02 ppm 0.15 mg/m ³	OSHA P0

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
Date of first issue: 07/05/2022

Engineering measures : Provide local exhaust ventilation to maintain recommended P.E.L.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.
Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.
For emergency or non-routine, high exposure situations, including confined space entry, use a NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection

Remarks : Chemical resistant protective gloves should be worn to prevent all skin contact. Suitable materials may include chloroprene rubber (Neoprene) nitrile rubber (Buna N) chlorinated polyethylene polyvinylchloride (Pylox) butyl rubber depending upon conditions of use.

Eye protection : Wear safety glasses with side shields or goggles.
Wear face shield if splashing hazard exists.

Skin and body protection : Cover as much of the exposed skin as possible to prevent all skin contact.
Suitable materials may include saran-coated material
Chemical resistant protective boots

Protective measures : Do not breathe vapours/mists.
Observe the appropriate PEL or TLV value.
Wear protective clothing as necessary to prevent contact.
Eye wash fountains and safety showers must be easily accessible.

Hygiene measures : No eating, drinking, smoking or tobacco use at the place of work.
Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.
Hands and/or face should be washed before breaks and at the end of the shift.
Wash soiled clothing immediately.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : yellowish to grey

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
Date of first issue: 07/05/2022

Odor : organic

Odor Threshold : not determined

pH : Not applicable

Freezing point : Not applicable

Boiling point : No data available

Flash point : > 250 °F / > 121 °C

Evaporation rate : No data available

Flammability (liquids) : Not classified as a flammability hazard

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : Not applicable

Relative vapor density : No data available

Relative density : approx. 1.02

Density : 1.05 g/cm³

Solubility(ies)

 Water solubility : insoluble

 Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : Not applicable

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

 Viscosity, dynamic : 4,000 cps (75 °F / 24 °C)

 Viscosity, kinematic : No data available

Explosive properties : Not explosive

WABO URA SEALANT, PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/05/2022	000000260051	Date of first issue: 07/05/2022

Oxidizing properties	:	No data available
Sublimation point	:	No data available
Molecular weight	:	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	:	Reacts with water, with formation of carbon dioxide. Risk of bursting. Reacts with alcohols. Reacts with acids. Reacts with alkalis. Reacts with amines. Risk of exothermic reaction. Risk of polymerization. Contact with certain rubbers and plastics can cause brittleness of the substance/product with subsequent loss in strength.
Conditions to avoid	:	Avoid moisture.
Incompatible materials	:	Acids Amines Alcohols Water Alkalines Strong bases Substances/products that react with isocyanates.
Hazardous decomposition products	:	nitrogen oxides Aromatic isocyanates gases/vapours

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

WABO URA SEALANT, PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/05/2022	000000260051	Date of first issue: 07/05/2022

Respiratory sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Suspected of causing cancer.

IARC	Group 2B: Possibly carcinogenic to humans Toluene Diisocyanate (toluene diisocyanates)	26471-62-5
NTP	Reasonably anticipated to be a human carcinogen Toluene Diisocyanate (Toluene Diisocyanates)	26471-62-5

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks : The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

WABO URA SEALANT, PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/05/2022	000000260051	Date of first issue: 07/05/2022

Other adverse effects**Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Incinerate or dispose of in a licensed facility.
Dispose of isocyanate waste in dry containers and never mix together with other wastes (reaction, dangerous pressure build up).
Do not discharge substance/product into sewer system.

Contaminated packaging : Do not attempt to refill or clean containers since residue is difficult to remove.
Do not reuse empty containers.
Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill.
Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(SOLVENT NAPHTHA)
Class : 9
Subsidiary risk : EHSM
Packing group : III
Labels : 9 (EHSM)

IATA-DGR

UN/ID No. : UN 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(SOLVENT NAPHTHA)
Class : 9
Subsidiary risk : EHSM
Packing group : III
Labels : Miscellaneous, Environmentally hazardous
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
 Date of first issue: 07/05/2022

IMDG-Code

UN number : UN 3082
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.
 (SOLVENT NAPHTHA)
 Class : 9
 Subsidiary risk : EHSM
 Packing group : III
 Labels : 9 (EHSM)
 EmS Code : F-A, S-F
 Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**49 CFR**

UN/ID/NA number : UN 3082
 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
 Class : 9
 Subsidiary risk : EHSM
 Packing group : III
 Labels : CLASS 9, Environmentally hazardous
 ERG Code : 171
 Marine pollutant : no

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.

SECTION 15. REGULATORY INFORMATION

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Toluene Diisocyanate 26471-62-5 >= 0.1 - < 1 %

US State Regulations**Pennsylvania Right To Know**

solvent naphtha 64742-94-5
 Toluene Diisocyanate 26471-62-5

New Jersey Right To Know

solvent naphtha 64742-94-5
 Toluene Diisocyanate 26471-62-5

California Prop. 65

WARNING: This product can expose you to chemicals including Toluene Diisocyanate, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

WABO URA SEALANT, PART B

Version 1.0 Revision Date: 07/05/2022 SDS Number: 000000260051 Date of last issue: -
 Date of first issue: 07/05/2022

The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory
 DSL : All components of this product are on the Canadian DSL

TSCA list

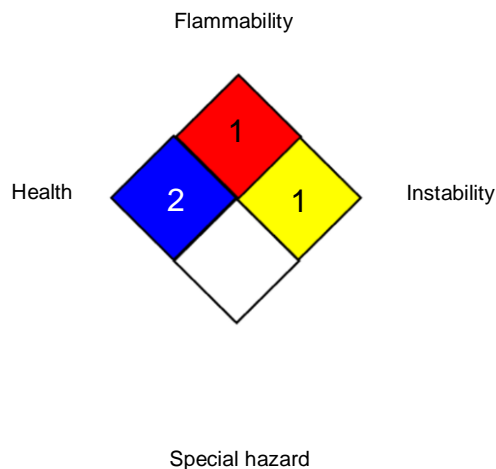
The following substance(s) is/are subject to a Significant New Use Rule:
 Toluene Diisocyanate 26471-62-5

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:
 Toluene Diisocyanate 26471-62-5

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)
- NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
- OSHA P0 : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- ACGIH / TWA : 8-hour, time-weighted average
- ACGIH / STEL : Short-term exposure limit
- ACGIHTLV / Skin Designation : Skin Designation:
- ACGIHTLV / TWA value : Time Weighted Average (TWA):
- NIOSH / REL value : Recommended exposure limit (REL):

WABO URA SEALANT, PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/05/2022	000000260051	Date of first issue: 07/05/2022

OSHA P0 / TWA : 8-hour time weighted average
 OSHA P0 / STEL : Short-term exposure limit
 OSHA Z-1 / C : Ceiling

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; 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 Organisation 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; 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

BASF CORPORATION WILL NOT MAKE ITS PRODUCTS AVAILABLE TO CUSTOMERS FOR USE IN THE MANUFACTURE OF MEDICAL DEVICES WHICH ARE INTENDED FOR PERMANENT IMPLANTATION IN THE HUMAN BODY OR IN PERMANENT CONTACT WITH INTERNAL BODILY TISSUES OR FLUIDS.

Revision Date : 07/05/2022

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.

US / EN