

# **Material Safety Data Sheet**

Issuing Date: 22-Dec-2011 Revision Date: 29-Mar-2014 Version: 1.3

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 31102YPX-T1 Product Name: 13538 YELLOW U

Hentzen Coatings, Inc.

6937 West Mill Road, Milwaukee, WI 53218-1225

Product Name: 13538 YELLOW URETHANE, MIL-PRF-85285E,TYPE I,CLASS H,PART A Company Phone Number: 1-414-353-4200 Emergency Telephone: ChemTrec 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

## **Emergency Overview**

Harmful by inhalation

May cause central nervous system depression EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE

**Potential Health Effects** 

Principle Routes of Exposure Inhalation, Skin Contact, Eye Contact

**Acute Toxicity** 

Eyes Prolonged contact may result in chemical burns or blindness.

Skin May cause skin irritation and/or dermatitis. Repeated exposure may cause skin dryness or

cracking. Prolonged skin contact may defat the skin and produce dermatitis.

**Inhalation** May be harmful if inhaled.

**Ingestion** Harmful if swallowed.

**Chronic Toxicity** No known effect based on information supplied.

Aggravated Medical Conditions Central nervous system. Preexisting eye disorders. Skin disorders. Respiratory disorders.

Central Vascular System (CVS). Peripheral Nervous System (PNS). Lungs.

**Interactions with Other Chemicals** Use of alcoholic beverages may enhance toxic effects.

Environmental hazard Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic

environment. See Section 12 for additional Ecological Information.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains a known or suspected carcinogen

This product contains substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990. See Section 15 for list of HAPS.

Hazardous Components

Chemical Name	CAS-No	Weight	ACGIH TLV	OSHA PEL
METHYL AMYL KETONE	110-43-0	20% - 30%	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>
				(vacated) TWA: 100 ppm (vacated) TWA: 465
				` mg/m³

31102YPX-T1
13538 YELLOW URETHANE, MIL-PRF-85285E, TYPE I, CLASS H, PART A

	1		7	
METHYL ACETATE	79-20-9	10% - 20%	STEL: 250 ppm	TWA: 200 ppm TWA: 610
			TWA: 200 ppm	mg/m³
				(vacated) TWA: 200 ppm
				(vacated) TWA: 610
				mg/m³
				(vacated) STEL: 250 ppm
				(vacated) STEL: 760
				mg/m³
ACETYLACETONE	123-54-6	0% - 5%	N/A	N/A
CHROME, NICKEL, ANTIMONY TITANIUM	68186-90-3	0% - 5%	TWA: 0.5 mg/m3 Sb TWA:	TWA: 0.5 mg/m <sup>3</sup> Sb TWA:
DIOXIDE PIGMENT			0.5 mg/m <sup>3</sup> Cr	0.5 mg/m <sup>3</sup> Cr
				(vacated) TWA: 0.5
				mg/m³ Sb (vacated)
				TWA: 0.5 mg/m <sup>3</sup> Cr
TITANIUM DIOXIDE	13463-67-7	0% - 5%	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total
				dust
				(vacated) TWA: 10 mg/m <sup>3</sup>
				total dust
XYLENE(PURE)	1330-20-7	0% - 5%	STEL: 150 ppm	TWA: 100 ppm TWA: 435
			TWA: 100 ppm	mg/m³
				(vacated) TWA: 100 ppm
				(vacated) TWA: 435
				mg/m³
				(vacated) STEL: 150 ppm
				(vacated) STEL: 655
				mg/m³
ETHYLBENZENE	100-41-4	0% - 5%	STEL: 125 ppm	TWA: 100 ppm TWA: 435
			TWA: 100 ppm	mg/m³
				(vacated) TWA: 100 ppm
				(vacated) TWA: 435
				mg/m³
				(vacated) STEL: 125 ppm
				(vacated) STEL: 545
				mg/m³
1,2,4-TRIMETHYLBENZENE	95-63-6	0% - 5%	N/A	N/A

## 4. FIRST AID MEASURES

Immediate medical attention is required. Show this material safety data sheet to the doctor **General advice** 

in attendance.

**Eye Contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms

persist, call a physician.

**Skin Contact** Wash off immediately with plenty of water.

Consult a physician. If breathing is irregular or stopped, administer artificial respiration. Inhalation

Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Ingestion Do NOT induce vomiting.

# 5. FIRE-FIGHTING MEASURES

**Flammable Properties** HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames

Extremely flammable liquid and vapor

Flammable Liquid

**Flash Point** 14 °F / -10 °C

31102YPX-T1 Revision Date: 29-Mar-2014

13538 YELLOW URETHANE, MIL-PRF-85285E, TYPE I, CLASS H, PART A

Flammability Limits in Air

**Upper** 5.57 % **Lower** 0.98 %

Suitable Extinguishing Media Dry Chemical.

**Explosion Data** 

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge Yes.

Specific hazards arising from the

chemical

Extremely flammable.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

(approved or equivalent) and full protective gear

NFPA Health Hazard 2 Flammability 4 Stability 0 Physical and chemical

hazards -

HMIS Health Hazard 1 \* Flammability 3 Physical Hazard 1 Personal protection X

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate

ventilation. Use personal protective equipment. Avoid breathing vapors or mists. Ventilate

the area.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do

not flush into surface water or sanitary sewer system.

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent

material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert

absorbent material.

#### 7. HANDLING AND STORAGE

Advice on Safe Handling Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of

ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Use bonding and grounding when

transferring materials. Use non-sparking tools and equipment.

**Technical Measures/Storage** 

Conditions

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away

from heat and sources of ignition.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL
METHYL AMYL KETONE	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>
		(vacated) TWA: 100 ppm (vacated) TWA:
		465 mg/m <sup>3</sup>

<sup>\*</sup> Chronic Health Hazard

METHYL ACETATE	STEL: 250 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 610 mg/m³ (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m³ (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m³
CHROME, NICKEL, ANTIMONY TITANIUM DIOXIDE PIGMENT	TWA: 0.5 mg/m³ Sb TWA: 0.5 mg/m³ Cr	TWA: 0.5 mg/m³ Sb TWA: 0.5 mg/m³ Cr (vacated) TWA: 0.5 mg/m³ Sb (vacated) TWA: 0.5 mg/m³ Cr
TITANIUM DIOXIDE	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust
XYLENE(PURE)	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³
ETHYLBENZENE	STEL: 125 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³

NIOSH IDLH: Immediately Dangerous to Life or Health

**Engineering Measures** Handle only in a place equipped with local exhaust (or other appropriate exhaust). However

it is the duty of the user to verify this and follow given exposure limits at the workplace.

Revision Date: 29-Mar-2014

Keep away from fire, sparks and heated surfaces.

**Personal Protective Equipment** 

**Eye/Face Protection** Tightly fitting safety goggles.

**Skin and Body Protection** Solvent-resistant gloves. Handle in accordance with good industrial hygiene and safety

practice. Remove contaminated clothing and shoes. Wash contaminated clothing before

reuse.

**Respiratory Protection** Maintain adequate ventilation. If exposure limits are exceeded or irritation is experienced,

NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection

must be provided in accordance with current local regulations.

**Hygiene Measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area

and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C Liquid **Appearance** Opaque

Odor Solvent. **Flash Point** 14 °F / -10 °C

**Boiling Point** 133 °F / 56 °C **Specific Gravity** 1.06

Weight per Gallon (lbs/gal): 8.86

Flammability Limits in Air

Upper 5.57 % Lower 0.98 %

## 10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

**Incompatible Products** Strong oxidizing agents.

**Conditions to Avoid** None known based on information supplied.

31102YPX-T1 Revision Date: 29-Mar-2014

13538 YELLOW URETHANE, MIL-PRF-85285E, TYPE I, CLASS H, PART A

Hazardous Decomposition Products Thermal decomposition can lead to release of irritating gases and vapors. Carbon

monoxide (CO). Carbon dioxide (CO2).

**Hazardous Polymerization** Hazardous polymerization does not occur.

#### 11. TOXICOLOGICAL INFORMATION

#### **Acute Toxicity**

**Product Information** Long-term repeated exposure to Xylene may result in hearing loss.

#### **Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
METHYL AMYL KETONE	1670 mg/kg (Rat)	12600 μL/kg (Rabbit)	N/A
METHYL ACETATE	5000 mg/kg (Rat)	2000 mg/kg (Rat) 5000 mg/kg ( Rabbit)	16000 ppm (Rat) 4 h
ACETYLACETONE	55 mg/kg (Rat)	810 μL/kg (Rabbit)	1224 ppm (Rat) 4 h
CHROME,NICKEL,ANTIMONY TITANIUM DIOXIDE PIGMENT	10000 mg/kg (Rat)	N/A	N/A
TITANIUM DIOXIDE	10000 mg/kg (Rat)	N/A	N/A
XYLENE(PURE)	4300 mg/kg (Rat)	1700 mg/kg (Rabbit)	47635 mg/L (Rat) 4 h 5000 ppm ( Rat) 4 h
ETHYLBENZENE	3500 mg/kg (Rat)	15354 mg/kg (Rabbit)	17.2 mg/L (Rat) 4 h
1,2,4-TRIMETHYLBENZENE	3400 mg/kg (Rat)	3160 mg/kg (Rabbit)	18 g/m³ (Rat) 4 h

**Chronic Toxicity** 

**Product Information**Long-term repeated exposure to Xylene may result in hearing loss.

Carcinogenicity This product contains one or more substances which are classified by IARC as

carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly

carcinogenic to humans (Group 2B).

Chemical Name	IARC	ACGIH	NTP	OSHA
CHROME,NICKEL,ANTIMO NY TITANIUM DIOXIDE PIGMENT	Group 3	N/A	N/A	N/A
TITANIUM DIOXIDE	Group 2B	N/A	N/A	X
XYLENE(PURE)	Group 3	N/A	N/A	N/A
ETHYLBENZENE	Group 2B	A3	N/A	X

#### Legend:

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans OSHA: (Occupational Safety & Health Administration)

X - Present

Target Organ Effects Central nervous system (CNS), Central Vascular System (CVS), Eyes, Lungs, Peripheral

Nervous System (PNS), Respiratory system, Skin.

## 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
METHYL AMYL KETONE	N/A	126-137: 96 h Pimephales promelas mg/L LC50 flow-through	N/A	N/A
METHYL ACETATE	120: 72 h Desmodesmus subspicatus mg/L EC50	295-348: 96 h Pimephales promelas mg/L LC50 flow-through 250-350: 96 h Brachydanio rerio mg/L LC50 static	N/A	1026.7: 48 h Daphnia magna mg/L EC50
ACETYLACETONE	N/A	98.3-110: 96 h Pimephales promelas mg/L LC50 flow-through 50.3-71.8: 96 h Lepomis macrochirus mg/L LC50 flow-through 64.1-80.1: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	N/A	34.4: 48 h Daphnia magna mg/L EC50
CHROME,NICKEL,ANTIMO NY TITANIUM DIOXIDE PIGMENT	N/A	10000: 96 h Leuciscus idus mg/L LC50 static	N/A	N/A
XYLENE(PURE)	N/A	13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661-4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 13.5-17.3: 96 h Oncorhynchus mykiss mg/L LC50 static 13.5-17.3: 96 h Oncorhynchus mykiss mg/L LC50 13.1-16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 7.711-9.591: 96 h Lepomis macrochirus mg/L LC50 static 23.53-29.97: 96 h Pimephales promelas mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 30.26-40.75: 96 h Poecilia reticulata mg/L LC50 static	N/A	3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50
ETHYLBENZENE	4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 3.6: 96 h Static 1.7 - 3.6: 96 h Static 5.7 - 3.6: 96 h Static 5.7 - 3.6: 96 h	11.0-18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 7.55-11: 96 h Pimephales promelas mg/L LC50 flow-through 32: 96 h Lepomis macrochirus mg/L LC50 static 9.1-15.6: 96 h Pimephales promelas mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static	N/A	1.8 - 2.4: 48 h Daphnia magna mg/L EC50
1,2,4-TRIMETHYLBENZEN E	N/A	7.19-8.28: 96 h Pimephales promelas mg/L LC50 flow-through	N/A	6.14: 48 h Daphnia magna mg/L EC50

Revision Date: 29-Mar-2014

# 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

US EPA Waste Number U140 U239 D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
METHYL ACETATE	Toxic Ignitable
CHROME, NICKEL, ANTIMONY TITANIUM DIOXIDE PIGMENT	Toxic Corrosive Ignitable
XYLENE(PURE)	Toxic Ignitable
ETHYLBENZENE	Toxic Ignitable

## 14. TRANSPORT INFORMATION

DOT

Proper shipping name Paint **Hazard class** 3 UN1263 **UN/ID No Packing Group** 

Reportable Quantity (RQ) Xylenes isomers and mixture: RQ kg= 3689.11

Description UN1263, Paint, 3, II, RQ

**Emergency Response Guide** 128

Number

**TDG** 

Proper shipping name Paint Hazard class 3 **UN/ID No** UN1263 **Packing Group** 

Description UN1263, Paint, 3, II

**MEX** 

Paint Proper shipping name **Hazard class** 3 **UN/ID No** UN1263 **Packing Group** 

Description UN1263, Paint, 3, II

**ICAO** 

UN/ID No UN1263 Proper shipping name Paint Hazard class 3 **Packing Group** Ш

Description UN1263, Paint, 3, II

ICAO/IATA

UN1263 UN/ID No Proper shipping name Paint **Hazard class** 3 **Packing Group** Ш **ERG Code** 3L

Description UN1263, Paint, 3, II

IMDG/IMO

Proper shipping name Paint **Hazard class UN/ID No** UN1263

Packing Group

EmS No. F-E, S-E

**Description** UN1263, Paint, 3, II

RID

Proper shipping name Paint
Hazard class 3
UN/ID No UN1263
Packing Group II
Classification Code F1

**Description** UN1263, Paint, 3, II

ADR/RID

Proper shipping name Paint
Hazard class 3
UN/ID No UN1263
Packing Group II
Classification Code F1

**Description** UN1263, Paint, 3, II, (D/E)

ADR/RID-Labels 3

ADN

Proper shipping namePaintHazard class3UN/ID NoUN1263Packing GroupIIClassification CodeF1

Special Provisions 163, 640C, 650 Description UN1263, Paint, 3, II

Limited quantity 5 L Ventilation VE01

## 15. REGULATORY INFORMATION

**International Inventories** 

TSCA Complies DSL/NDSL Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

#### **U.S. Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight	SARA 313 - Threshold Values %
CHROME,NICKEL,ANTIMONY TITANIUM DIOXIDE PIGMENT	68186-90-3	0% - 5%	1.0
XYLENE(PURE)	1330-20-7	0% - 5%	1.0
ETHYLBENZENE	100-41-4	0% - 5%	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard No

Fire Hazard Yes
Sudden Release of Pressure Hazard No
Reactive Hazard No

## Clean Air Act

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Revision Date: 29-Mar-2014

Chemical Name	CAS-No	Weight	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
CHROME,NICKEL,AN TIMONY TITANIUM DIOXIDE PIGMENT	68186-90-3	0% - 5%	Present	N/A	N/A	N/A
XYLENE(PURE)	1330-20-7	0% - 5%	Present	Group I	N/A	N/A
ETHYLBENZENE	100-41-4	0% - 5%	Present	Group I	N/A	N/A

#### **Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
CHROME,NICKEL,ANTIMO NY TITANIUM DIOXIDE PIGMENT	N/A	X	N/A	N/A
XYLENE(PURE)	100 lb	N/A	N/A	X
ETHYLBENZENE	1000 lb	X	X	X

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
XYLENE(PURE)	100 lb	N/A	RQ 100 lb final RQ RQ 45.4 kg final RQ
ETHYLBENZENE	1000 lb	N/A	RQ 1000 lb final RQ RQ 454 kg final RQ

# **U.S. State Regulations**

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
ETHYLBENZENE	100-41-4	Carcinogen

## U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
METHYL AMYL KETONE	Χ	Х	X	N/A	X
METHYL ACETATE	Χ	Х	X	N/A	X
ACETYLACETONE	Χ	Х	X	N/A	N/A
CHROME,NICKEL,ANTIMO NY TITANIUM DIOXIDE PIGMENT	N/A	Х	X	X	Х
TITANIUM DIOXIDE	Χ	Х	X	N/A	X
XYLENE(PURE)	Χ	X	X	X	X
BUTYL ACETATE	Χ	X	X	N/A	X
ETHYLBENZENE	Χ	X	X	X	X

## **International Regulations**

#### **Mexico - Grade**

Serious risk, Grade 3

Chemical Name	Carcinogen Status	Exposure Limits
METHYL AMYL KETONE	N/A	Mexico: TWA 50 ppm Mexico: TWA 235
		mg/m³
		Mexico: STEL 100 ppm Mexico: STEL 465
		mg/m³
METHYL ACETATE	N/A	Mexico: TWA 200 ppm Mexico: TWA 610
		mg/m³
		Mexico: STEL 250 ppm Mexico: STEL 760
		mg/m³
CHROME, NICKEL, ANTIMONY TITANIUM DIOXIDE	N/A	Mexico: TWA 0.5 mg/m <sup>3</sup>
PIGMENT		
TITANIUM DIOXIDE	N/A	Mexico: TWA 10 mg/m <sup>3</sup>
		Mexico: STEL 20 mg/m <sup>3</sup>
XYLENE(PURE)	N/A	Mexico: TWA 100 ppm Mexico: TWA 435
		mg/m³
		Mexico: STEL 150 ppm Mexico: STEL 655
		mg/m³
ETHYLBENZENE	N/A	Mexico: TWA 100 ppm Mexico: TWA 435
		mg/m³
		Mexico: STEL 125 ppm Mexico: STEL 545
		mg/m³

# **16. OTHER INFORMATION**

#### **DISCLAIMER**

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.

end