# SAFETY DATA SHEET

Version #: 05 Issue date: 06-06-2023 Revision date: 12-03-2024 Supersedes date: 08-01-2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1. Product identifier Trade name or designation of the mixture	DEVCON® Wear Guard™ 300RTC Hardener-		
Registration number	-		
Synonyms	None.		
SKU#	5209		
1.2. Relevant identified uses of t Identified uses	he substance or mixture and uses advised against Not available.		
Uses advised against	None known.		
1.3. Details of the supplier of the	e safety data sheet		
Company Name	ITW Performance Polymers		
Address	Bay 150		
	Shannon Industrial Estate		
	Co. Clare		
	Ireland		
Contact Person	V14 DF82		
Telephone Number	Customer Service 353(61)771500		
	353(61)471285		
Email	customerservice.shannon@itwpp.com		
Emergency Phone	44(0) 1235 239 670 (24 hours)		
Number			
1.4. Emergency telephone numb General in EU	er 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)		
Austria National Poisons Information Center	+431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)		
Belgium National Poisons Control Center	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)		
Bulgaria National Toxicological Information Center	+359 2 9154 233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)		
Croatia Poisons Information Center	+385 1 2348 342 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)		
Cyprus Poison Center	1401 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)		
Czech Republic National Poisons Information Center	+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)		
Denmark National Poisons Control Center	+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)		
Estonia National Poisons Information Center	16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)		
Finland National Poison Information Center	(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)		

1.4	1.4. Emergency telephone number				
	France National Poisons Control Center	ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Greece Poison Information Centre	(0030) 2107793777 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Hungary National Emergency Phone Number	+36-80-201-199 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Iceland Poison Center	(+354) 543 2222 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Latvia Emergency medical aid	113			
	Latvia Poison and Drug Information Center	+371 67042473 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Lithuania Neatidėliotina informacija apsinuodijus	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)			
	Malta Accident and Emergency Department	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)			
	Netherlands National Poisons Information Center (NVIC)	NVIC: +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)			
	Norway Norwegian Poison Information Center	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Portugal Poison Center	800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)			
	Slovakia National Toxicological Information Center	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Spain Toxicology Information Service	+ 34 91 562 04 20 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Sweden National Poison Information Center	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			
	Switzerland Tox Info Suisse	145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)			

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies. The classification of the substance or mixture has been performed in accordance with ABNT NBR 14725.

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

Health hazards		
Skin corrosion/irritation	Category 1B	H314 - Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
Respiratory sensitization	Category 1	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction.
Reproductive toxicity	Category 2	H361 - Suspected of damaging fertility or the unborn child.

#### 2.2. Label elements

# Label according to Regulation (EC) No. 1272/2008 as amended UFI:

EU: 7N05-N1VM-4006-4R1S

**Contains:** 

4,4'-methylenedicyclohexaneamine, N,N'-BIS(3-AMINOPROPYL)ETHYLENEDIAMINE, 2-piperazin-1-ylethylamine

#### Hazard pictograms



### Signal word Hazard statements H314

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H361	Suspected of damaging fertility or the unborn child.

### **Precautionary statements**

Prevention	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust or mists.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P284	Wear respiratory protection.
Response	
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
Storage	
P405	Store locked up.
Disposal	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental label information	98,4475% of the mixture consists of component(s) of unknown acute oral toxicity. 98,4475% of the mixture consists of component(s) of unknown acute dermal toxicity. 98,4475% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 98,4475% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.
2.3. Other hazards	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

eneral information					
Chemical name	%	CAS-No. / EC No.	<b>REACH Registration No.</b>	Index No.	Notes
4,4'-methylenedicyclohexaneamine	10 - < 20	1761-71-3	-	-	
		217-168-8			
Classification:	-				
N,N'-BIS(3-AMINOPROPYL)ETHYLE	1 - < 3	10563-26-5	-	-	
NEDIAMINE		234-147-9			
Classification:	-				

Chemical name	%	CAS-No. / EC No.	<b>REACH Registration No.</b>	Index No.	Notes
2-piperazin-1-ylethylamine	< 0,3	140-31-8 205-411-0	01-2119471486-30-0003	612-105-00-4	
Classifi	mg/kg bw)		ng/kg bw), Acute Tox. 4;H312 , Eye Dam. 1;H318, Skin Se		
titanium dioxide [in powder for containing 1 % or more of part with aerodynamic diameter ≤ 1	icles	13463-67-7 236-675-5	01-2119489379-17-0000	022-006-002	
Classifi	cation: Carc. 2;H3	51			
Other components below repo levels	rtable 80 - < 90				
List of abbreviations and symbo ATE: Acute toxicity estimate. M: M-factor vPvB: very persistent and very PBT: persistent, bioaccumulati #: This substance has been as All concentrations are in perce	v bioaccumulative s ve and toxic substa ssigned Union work nt by weight unless	ubstance. ince. place exposure limit( i ingredient is a gas.	Gas concentrations are in pe	ercent by volume.	
Composition comments	The full text for all	H-statements is disp	played in section 16.		
SECTION 4: First aid meas	sures				
General information	(show the label w involved, and take	here possible). Ensu	advice/attention. If you feel re that medical personnel are ect themselves. Show this sa ng before reuse.	e aware of the ma	terial(s)
4.1. Description of first aid meas Inhalation	If breathing is diffi Oxygen or artificia substance. Induce	al respiration if neede e artificial respiration spiratory medical dev	air and keep at rest in a pos d. Do not use mouth-to-mou with the aid of a pocket mas vice. If experiencing respirato	th method if victin k equipped with a	n inhaled the one-way valve
Skin contact	poison control cer		iately and wash skin with so mical burns must be treated		
Eye contact	present and easy	to do. Continue rinsi	vater for at least 15 minutes. ng. Call a physician or poiso	n control center in	nmediately.
Ingestion	vomiting occurs, k	eep head low so tha	er immediately. Rinse mouth t stomach content doesn't ge	et into the lungs.	-
4.2. Most important symptoms and effects, both acute and delayed	include stinging, t		n damage. Causes serious e Iling, and blurred vision. Peri athing.		•
4.3. Indication of any immediate medical attention and special treatment needed	immediately. Whil	e flushing, remove cl nue flushing during t	and treat symptomatically. C othes which do not adhere to ransport to hospital. Keep vio	o affected area. Ca	all an
SECTION 5: Firefighting m	neasures				
General fire hazards	No unusual fire or	explosion hazards n	oted.		
5.1. Extinguishing media Suitable extinguishing media	Water fog. Foam.	Dry chemical powde	r. Carbon dioxide (CO2).		
Unsuitable extinguishing media	Do not use water	jet as an extinguishe	r, as this will spread the fire.		
5.2. Special hazards arising from the substance or mixture	During fire, gases	hazardous to health	may be formed.		
5.3. Advice for firefighters Special protective equipment for firefighters	Self-contained bre	eathing apparatus an	d full protective clothing mus	t be worn in case	of fire.
Special fire fighting procedures	Use water spray t	o cool unopened con	tainers.		

SECTION 6: Accidental re	lease measures			
6.1. Personal precautions, prote For non-emergency personnel	ctive equipment and emergency pro Do not touch damaged containers o		g appropriate protective clothing	
For emergency responders	Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.			
6.2. Environmental precautions	Avoid discharge into drains, water c	ourses or onto the ground.		
6.3. Methods and material for containment and cleaning up	Large Spills: Stop the flow of materi with water.	Large Spills: Stop the flow of material, if this is without risk. Following product recovery, flush area with water.		
	Small Spills: Clean surface thorough	nly to remove residual contamin	ation.	
	Never return spills to original contain	ners for re-use.		
6.4. Reference to other sections	For personal protection, see section	8 of the SDS. For waste dispos	sal, see section 13 of the SDS.	
SECTION 7: Handling and	l storage			
7.1. Precautions for safe handling	Obtain special instructions before us and understood. Do not get in eyes, dust/fume/gas/mist/vapors/spray. Pr Should be handled in closed system personal protective equipment. Obs	on skin, or on clothing. Avoid b regnant or breastfeeding women is, if possible. Provide adequate	reathing n must not handle this product. e ventilation. Wear appropriate	
7.2. Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly clos incompatible materials (see Section		ntilated place. Store away from	
7.3. Specific end use(s)	Observe industrial sector guidance	on best practices.		
SECTION 8: Exposure co	ntrols/personal protection			
8.1. Control parameters				
Occupational exposure limits Austria. MAK List, OEL Ord Components	inance (GwV), BGBI. II, no. 184/2001 Type	l, as amended Value	Form	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	MAK	5 mg/m3	Respirable dust.	
	STEL	10 mg/m3	Respirable dust.	
Chemical agents, as amend		•	at work, Book VI, Title 1 -	
Components	Туре	Value		
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	10 mg/m3		
	No 13 on protection of workers aga	inst risks of exposure to cher	nical agents at work, as	
amended Components	Туре	Value	Form	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10	TWA	10 mg/m3	Respirable dust.	

μm] (CAS 13463-67-7)

Croatia. OELs (GVI). Regulation on Prote Biological Limit Values, Annex I (NN 91/2		to Dangerous Cher	nicals at Work, OELs and
Components	Туре	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	MAC	4 mg/m3	Respirable dust.
		10 mg/m3	Total dust.
Cyprus. OELs. Control of factory atmosp Components	here and dangerous substances in Type	factories regulation	n, PI 311/73, as amended
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	10 mg/m3	
Denmark. Work Environment Authority. E Components	Exposure Limits for Substances & N Type	laterials, Annex 2 Value	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	STEL	12 mg/m3	
	TLV	6 mg/m3	
Estonia. OELs. Occupational Exposure L Components	imits of Hazardous Substances (Re Type	egulation No. 105/20 Value	001, Annex), as amended
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	5 mg/m3	
Finland. HTP-arvot, App 3., Binding Limit Components	Values, Social Affairs and Ministry Type	of Health Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	10 mg/m3	Dust.
Germany. DFG MAK List (advisory OELs) in the Work Area (DFG), as updated	). Commission for the Investigation	of Health Hazards	-
Components	Туре	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	0,3 mg/m3	Respirable fraction.
Germany. TRGS 900, Limit Values in the Components	Ambient Air at the Workplace Type	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	AGW	10 mg/m3	Inhalable fraction.
		1,25 mg/m3	Respirable fraction.

Greece. OELs, Presidential Decree No. 30	07/1986, as amended		
Components	Туре	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Inhalable
Iceland. OELs. Regulation 390/2009 on Pa amended	ollution Limits and Measures to Re	duce Pollution at th	e Workplace, as
Components	Туре	Value	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	6 mg/m3	
Ireland. OELVs, Schedules 1 & 2, Code of Components	f Practice for Chemical Agents and Type	Carcinogens Regul Value	ations Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Total inhalable dust.
Italy. OELs (Legislative Decree n.81, 9 Ap Components	ril 2008), as amended Type	Value	Form
titanium dioxide [in powder	TWA	2,5 mg/m3	Respirable finescale
form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7)		-	particles
		0,2 mg/m3	Respirable nanoscale particles
Latvia. OELs. Occupational Exposure Lir 1), as amended	nits of Chemical Substances at Wo	rkplace (Reg. No. 3	25/ 2007, L.V. 80, Annex
Components	Туре	Value	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	10 mg/m3	
Lithuania. OELs. Occupational Exposure	Limit Values for Chemical Substar	nces (Hygiene Norm	HN 23:2011; Order No.
V-824/A1-389), as amended Components	Туре	Value	
titanium dioxide [in powder	TWA	5 mg/m3	
form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)		e inginio	
Poland. Maximum permissible concentra 1286/2018, Annex 1)	tions and intensities of harmful fac	tors in the work en	vironment (Dz.U.Poz.
Components	Туре	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	STEL	30 mg/m3	
	TWA	10 mg/m3	Inhalable fraction.

Portugal. VLEs. Norm on occupation Components	nal exposure to chemical agents (NP Type	1796-2014) Value	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	10 mg/m3	
Romania. OELs. Limit Values of Che amended)	mical Agents at Workplace (Regulati	on 1.218/2006, M.O 8	45, Annex 1, 3&4, as
Components	Туре	Value	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	STEL	15 mg/m3	
	TWA	10 mg/m3	
Slovakia. OELs. Maximum permissil Annex 1, Table 1, as amended)	ble exposure limits for chemical facto	ors in workplace air (	Regulation No 355/2006,
Components	Туре	Value	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	5 mg/m3	
	sure Limits of Chemicals at Workplac	ce (Reg. on Protectio	n of Workers from Risks
due to Exp. to Chemicals at Work, A Components	nn. I 100/2001), as amended Type	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq$ 10	KTV	20 mg/m3	Inhalable fraction.
μm] (CAS 13463-67-7)		2,5 mg/m3	Respirable fraction.
Slovenia. OELs. Occupational Expo	sure Limits of Chemicals at Workplac		-
due to Exp. to Chemicals at Work, A		Value	Form
Components	Туре		
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	10 mg/m3	Inhalable fraction.
		1,25 mg/m3	Respirable fraction.
Spain. OELs. INSST, Límites de Expo (VLAs)	osición Profesional Para Agentes Qu	ímicos, Table 1-Valor	res Límites Ambientales
Components	Туре	Value	
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7)	TWA	10 mg/m3	
amended	ironment Authority (AV), Occupationa	-	
Components	Туре	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7)	TWA	5 mg/m3	Total dust.

Switzerland. SUVA Grenzwe	rte am Arbeitsplatz: Aktuelle MAK-Wer	te	
Components	Туре	Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	3 mg/m3	Respirable dust.
UK. OELs. Workplace Expos Components	sure Limits (WELs) (EH40/2005 (Fourth Type	Edition 2020)), Table 1 Value	Form
titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm] (CAS 13463-67-7)	TWA	4 mg/m3	Respirable.
		10 mg/m3	Inhalable
Biological limit values	No biological exposure limits noted for t	he ingredient(s).	
Recommended monitoring procedures	Follow standard monitoring procedures.		
Derived no effect levels (DNELs)	Not available.		
Predicted no effect concentrations (PNECs)	Not available.		
8.2. Exposure controls			
Appropriate engineering controls	Good general ventilation should be use applicable, use process enclosures, loc maintain airborne levels below recomm established, maintain airborne levels to Eye wash facilities and emergency show	al exhaust ventilation, or othe ended exposure limits. If expo an acceptable level. General	r engineering controls to osure limits have not been ventilation normally adequate.
Individual protection measures,	such as personal protective equipmen	t	
General information	Use personal protective equipment as r according to the CEN standards and in equipment.		
Eye/face protection	Wear safety glasses with side shields (	or goggles) and a face shield.	
Skin protection			
- Hand protection	Wear appropriate chemical resistant glo	oves.	
- Other	Wear appropriate chemical resistant clo	thing. Use of an impervious a	pron is recommended.
Respiratory protection	Wear positive pressure self-contained b	reathing apparatus (SCBA).	
Thermal hazards	Wear appropriate thermal protective clo	thing, when necessary.	
Hygiene measures	Observe any medical surveillance requi such as washing after handling the mat wash work clothing and protective equip should not be allowed out of the workpla	erial and before eating, drinki oment to remove contaminant	ng, and/or smoking. Routinely
Environmental exposure controls	Emissions from ventilation or work proc with the requirements of environmental modifications to the process equipment	protection legislation. Fume s	scrubbers, filters or engineering

## **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties	
Physical state	Solid.
Form	Solid.
Color	Grey.
Odor	Ammoniacal.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Not available.

Upper/lower flammability or exp		
Explosive limit - lower (%)	Not available.	
Explosive limit - upper (%)	Not available.	
Flash point	230,0 °F (110,0 °C) estimate	3
Auto-ignition temperature	Not available.	
Decomposition temperature	Not available.	
pH	Not available.	
Kinematic viscosity	Not available.	
Solubility Solubility (water)	Not available.	
Partition coefficient (n-octanol/water) (log value)	Not available.	
Vapor pressure	0,0004 hPa estimated	
Density and/or relative density Density	2,06 g/cm3	
Vapor density	Not available.	
Particle characteristics	Not available.	
9.2. Other information		
9.2.1. Information with regard o physical hazard classes	No relevant additional inform	ation available.
9.2.2. Other safety characteristic Specific gravity	c <b>s</b> 2,06	
SECTION 10: Stability and	d reactivity	
0.1. Reactivity	-	n-reactive under normal conditions of use, storage and transport.
0.2. Chemical stability	Material is stable under norm	
0.3. Possibility of hazardous eactions	No dangerous reaction know	n under conditions of normal use.
10.4. Conditions to avoid	Contact with incompatible ma	aterials.
0.5. Incompatible materials	Peroxides. Phenols.	
0.6. Hazardous lecomposition products	No hazardous decomposition	ו products are known.
SECTION 11: Toxicologica	al information	
General information	Occupational exposure to the	e substance or mixture may cause adverse effects.
nformation on likely routes of e	xposure	
Inhalation	•	spiratory system. May cause allergy or asthma symptoms or breathing
Skin contact	Causes severe skin burns. N	lay cause an allergic skin reaction.
Eye contact	Causes serious eye damage	
Ingestion	Causes digestive tract burns	
Symptoms	Burning pain and severe cor	rosive skin damage. Causes serious eye damage. Symptoms may ness, swelling, and blurred vision. Permanent eye damage including
	blindness could result. Difficu	
11.1. Information on hazard clas	ses as defined in Regulation	(EC) No 1272/2008
Acute toxicity	Not known.	
Components	Species	Test Results
Acute	ontaining 1 % or more of partic	les with aerodynamic diameter $\leq$ 10 µm] (CAS 13463-67-7)
Dermal LD50	Hamster	>= 10000 mg/kg
<b>Oral</b> LD50	Rat	> 10000 mg/kg

Skin corrosion/irritation

Material name: DEVCON® Wear Guard™ 300RTC Hardener-

5209 Version #: 05 Revision date: 12-03-2024 Issue date: 06-06-2023

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation	Causes serious eye damage.	
Respiratory sensitization	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Skin sensitization	May cause an allergic skin reaction.	
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.	
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.	
Reproductive toxicity	Suspected of damaging fertility or the unborn child.	
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible.	
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.	
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.	
Mixture versus substance information	No information available.	
11.2. Information on other hazar	ds	
Endocrine disrupting properties	This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.	
Other information	Not available.	
SECTION 12: Ecological information		
12.1. Toxicity	Based on available data, the classification criteria are not met for hazardous to the aquatic environment.	
12.2. Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.	
12.3. Bioaccumulative potential		
Partition coefficient n-octanol/water (log Kow) 2-piperazin-1-ylethylamine	-1,57	
Bioconcentration factor (BCF)	Not available.	
12.4. Mobility in soil	No data available.	
12.5. Results of PBT and vPvB assessment	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.	
12.6. Endocrine disrupting properties	This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.	
12.7. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	
SECTION 13: Disposal co	nsiderations	
13.1. Waste treatment methods		
Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.	
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.	
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.	
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Discourage sewage disposal. Waste should not be disposed of by release to sewers. Dispose of contents/container in accordance with local/regional/national/international regulations.	

Dispose in accordance with all applicable regulations.

**SECTION 14: Transport information** 

#### ADR

**Special precautions** 

14.1. UN number UN3263

Material name: DEVCON® Wear Guard™ 300RTC Hardener-

5209 Version #: 05 Revision date: 12-03-2024 Issue date: 06-06-2023

CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (4,4'-methylenedicyclohexaneamine), Limited 14.2. UN proper shipping name Quantity 14.3. Transport hazard class(es) Class 8 Subsidiary hazard 8 Label(s) Hazard No. (ADR) 80 **Tunnel restriction code** Е 14.4. Packing group Ш 14.5. Environmental No. hazards 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user RID 14.1. UN number UN3263 CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (4,4'-methylenedicyclohexaneamine), Limited 14.2. UN proper shipping name Quantity 14.3. Transport hazard class(es) Class 8 Subsidiary hazard 8 Label(s) Ш 14.4. Packing group 14.5. Environmental No. hazards 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user ADN 14.1. UN number UN3263 14.2. UN proper shipping CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (4,4'-methylenedicyclohexaneamine) name 14.3. Transport hazard class(es) Class 8 Subsidiary hazard -Label(s) 8 14.4. Packing group Ш 14.5. Environmental No. hazards 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user IATA 14.1. UN number UN3263 14.2. UN proper shipping Corrosive solid, basic, organic, n.o.s. (4,4'-methylenedicyclohexaneamine), Limited Quantity name 14.3. Transport hazard class(es) Class 8 Subsidiary hazard -14.4. Packing group Ш 14.5. Environmental No hazards 8L ERG Code 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user Other information Passenger and cargo Allowed with restrictions. aircraft Cargo aircraft only Allowed with restrictions. IMDG 14.1. UN number UN3263 CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (4,4'-methylenedicyclohexaneamine), Limited 14.2. UN proper shipping name Quantity 14.3. Transport hazard class(es) Class 8 Subsidiary hazard \_

Material name: DEVCON® Wear Guard™ 300RTC Hardener-5209 Version #: 05 Revision date: 12-03-2024 Issue date: 06-06-2023

14.4. Packing group 14.5. Environmental hazards	 5
Marine pollutant	No.
EmS	F-A, S-B
14.6. Special precautions	Read safety instructions, SDS and emergency procedures before handling.
for user	

**14.7. Maritime transport in bulk** Not applicable. according to IMO instruments

ADN



### **SECTION 15: Regulatory information**

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

#### EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

UFI:

EU: 7N05-N1VM-4006-4R1S

#### Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

#### **Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered

Not listed.

### Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended

Not listed.

#### Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended

Not listed.

#### **Other EU regulations**

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

#### According to Directive 92/85/EEC as amended, pregnant women should not work with the product, National regulations if there is the least risk of exposure.

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended. Use of this product by young persons under the age of 18 is not allowed in accordance with the Management of Health and Safety at Work Regulations 1999 [SI 1999/3242], as amended. Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

#### France regulations

#### France INRS Table of Occupational Diseases

Not regulated.

#### Product registration number

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Austria	UFI: 7N05-N1VM-4006-4R1S
Belgium	UFI: 7N05-N1VM-4006-4R1S
Czech Republic	UFI: 7N05-N1VM-4006-4R1S
Denmark	UFI: 7N05-N1VM-4006-4R1S
European Union	UFI: 7N05-N1VM-4006-4R1S
Finland	UFI: 7N05-N1VM-4006-4R1S
France	UFI: 7N05-N1VM-4006-4R1S
Germany	UFI: 7N05-N1VM-4006-4R1S
Greece	UFI: 7N05-N1VM-4006-4R1S
Hungary	UFI: 7N05-N1VM-4006-4R1S
Italy	UFI: 7N05-N1VM-4006-4R1S
Netherlands	UFI: 7N05-N1VM-4006-4R1S
Norway	UFI: 7N05-N1VM-4006-4R1S
Poland	UFI: 7N05-N1VM-4006-4R1S
Portugal	UFI: 7N05-N1VM-4006-4R1S
Slovakia	UFI: 7N05-N1VM-4006-4R1S
Slovenia	UFI: 7N05-N1VM-4006-4R1S
Spain	UFI: 7N05-N1VM-4006-4R1S
Sweden	UFI: 7N05-N1VM-4006-4R1S
Switzerland	UFI: 7N05-N1VM-4006-4R1S
15.2. Chemical safety	No Chemical Safety Assessment has been carried

assessment

ed out.

### SECTION 16: Other information

#### List of abbreviations

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.

	<ul> <li>IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.</li> <li>IMDG: International Maritime Dangerous Goods.</li> <li>MAC: Maximum Allowed Concentration.</li> <li>MARPOL: International Convention for the Prevention of Pollution from Ships.</li> <li>PBT: Persistent, bioaccumulative and toxic.</li> <li>RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.</li> <li>STEL: Short term exposure limit.</li> <li>TLV: Threshold Limit Value.</li> <li>TWA: Time Weighted Average.</li> <li>VLE: Exposure Limit Value.</li> <li>VME: Exposure Average Value.</li> <li>vPvB: Very persistent and very bioaccumulative.</li> </ul>
References	Not available.
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any statements, which are not written out in full under sections 2 to 15	H302 Harmful if swallowed. H312 Harmful in contact with skin.
	<ul> <li>H314 Causes severe skin burns and eye damage.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H318 Causes serious eye damage.</li> <li>H351 Suspected of causing cancer.</li> </ul>
	H412 Harmful to aquatic life with long lasting effects.
Revision information	This document has undergone significant changes and should be reviewed in its entirety.
Training information	Follow training instructions when handling this material.
Disclaimer	ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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 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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.