

ITW LLC & Co. KG

according to Regulation (EC) No 1907/2006

## **Pipe Thread Sealant with PTFE**

Revision date: 17.12.2019 Product code: 15-72 Page 1 of 6

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Pipe Thread Sealant with PTFE

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

### Use of the substance/mixture

Adhesives, sealants

#### Uses advised against

Reserved for industrial and professional use.

### 1.3. Details of the supplier of the safety data sheet

Company name: ITW LLC & Co. KG
Street: Mühlackerstrasse 149
Place: D-75417 Mühlacker
Telephone: ++49(0)7041-96340

e-mail: info@itwcp.de Internet: www.itwcp.de

Responsible Department: Produktsicherheit Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00

Swiss Toxicological Information Centre - Téléphone : +41 44 251 51 51 (in

Telefax: ++49(0)7041-963429

Switzerland dial 145)

United Kingdom: National Poisons Information Service - Phone number:

8448920111

Österreich: Vergiftungsinformationszentrale Vienna - Telefon-Nummer: +43 1

406 43 43

Schweiz : Tox Info Suisse - Telefon-Nummer : +41 44 251 51 51 Italia : Centro Antiveleni, Roma - Numero di telefono : +39 06 305 4343 España : Instituto Nacional de Toxicología - Teléfono : +34 91 562 04 20

## 1.4. Emergency telephone

number:

Deutschland: ++49(0)7041-96340

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

## 2.1. Classification of the substance or mixture

According to EC directives or the corresponding national regulations the product does not have to be labelled. The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

### Additional advice on labelling

According to EC directives or the corresponding national regulations the product does not have to be labelled.

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

# 3.2. Mixtures

#### **Chemical characterization**

Adhesives, sealants



ITW LLC & Co. KG

according to Regulation (EC) No 1907/2006

## **Pipe Thread Sealant with PTFE**

Revision date: 17.12.2019 Product code: 15-72 Page 2 of 6

#### **Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
106-51-4	p-benzoquinone; quinone			<0,1 %
	203-405-2	606-013-00-3		
	Acute Tox. 3, Acute Tox. 3, Eye Irrit. 2, STOT SE 3, Skin Irrit. 2, Aquatic Acute 1 (M-Factor = 10); H331 H301 H319 H335 H315 H400			

Full text of H and EUH statements: see section 16.

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### **General information**

Take off contaminated clothing.

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

# After ingestion

If swallowed, immediately drink: Water. Rinse mouth immediately and drink plenty of water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO2). Foam. Extinguishing powder.

# Unsuitable extinguishing media

Water with tenside additive. Water.

#### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides (NOx). Carbon monoxide Carbon dioxide (CO2).

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### **Additional information**

Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Wear a self-contained breathing apparatus and chemical protective clothing.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the



ITW LLC & Co. KG

according to Regulation (EC) No 1907/2006

## **Pipe Thread Sealant with PTFE**

Revision date: 17.12.2019 Product code: 15-72 Page 3 of 6

recovered material as prescribed in the section on waste disposal. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

#### Advice on safe handling

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

### 7.2. Conditions for safe storage, including any incompatibilities

# Requirements for storage rooms and vessels

Keep container tightly closed. Keep/Store only in original container.

### Hints on joint storage

Information about storage in one common storage facility: no restriction.

#### Further information on storage conditions

Keep container tightly closed. Keep in a cool, well-ventilated place. storage temperature: 10-20°C

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

#### 8.2. Exposure controls



#### Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. No special precautionary measures are necessary.

### Eye/face protection

Tightly sealed safety glasses.

### **Hand protection**

DIN EN 374 Tested protective gloves are to be worn: Butyl rubber. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Respiratory protection

No special precautionary measures are necessary.

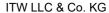
### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: whitish
Odour: odourless

### Changes in the physical state

Melting point: not determined





according to Regulation (EC) No 1907/2006

## **Pipe Thread Sealant with PTFE**

Revision date: 17.12.2019 Product code: 15-72 Page 4 of 6

Initial boiling point and boiling range: not determined

Flash point: > 100 °C

**Explosive properties** 

not explosive.

Density (at 25 °C): 1,00 g/cm³
Water solubility: Immiscible
Viscosity / dynamic: 15000-20000 mPa·s
(at 25 °C)

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

Product is stable in the test system throughout the duration of the test.

### 10.3. Possibility of hazardous reactions

No data available

#### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

### **Further information**

No data available

### **SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

### **Acute toxicity**

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
106-51-4	p-benzoquinone; quinone					
	oral	LD50 mg/kg	130	Rat	GESTIS	
	inhalation vapour	ATE	3 mg/l			
	inhalation aerosol	ATE	0,5 mg/l			

### Irritation and corrosivity

mild irritant.

#### Sensitising effects

not sensitising.

### Carcinogenic/mutagenic/toxic effects for reproduction

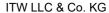
No data available

# STOT-repeated exposure

No data available

# Specific effects in experiment on an animal

No data available





according to Regulation (EC) No 1907/2006

### **Pipe Thread Sealant with PTFE**

Revision date: 17.12.2019 Product code: 15-72 Page 5 of 6

#### Additional information on tests

The preparation is not dangerous in the sense of Directive 1999/45/EC.

## **Practical experience**

## Observations relevant to classification

No data available

### **SECTION 12: Ecological information**

### 12.1. Toxicity

No data available

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-51-4	p-benzoquinone; quinone	0,19

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

No data available

#### 12.6. Other adverse effects

No data available

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

#### Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF

COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products);

waste adhesives and sealants containing organic solvents or other hazardous substances;

hazardous waste

#### Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately

collected municipal packaging waste); plastic packaging

#### Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

#### **SECTION 14: Transport information**

#### Land transport (ADR/RID)

## Other applicable information (land transport)

Not restricted

### Inland waterways transport (ADN)

# Other applicable information (inland waterways transport)

Not restricted



ITW LLC & Co. KG

according to Regulation (EC) No 1907/2006

## **Pipe Thread Sealant with PTFE**

Revision date: 17.12.2019 Product code: 15-72 Page 6 of 6

### Marine transport (IMDG)

Other applicable information (marine transport)

Not restricted

Air transport (ICAO-TI/IATA-DGR)

Other applicable information (air transport)

Not restricted

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

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

## **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

### **SECTION 16: Other information**

## Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)