

SAFETY DATA SHEET

Version #: 05

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

1.1. Product identifier

Trade name or designation of the mixture PLEXUS® MA830/832 EU Gray Activator

Registration number -

Synonyms None.

SKU# IT258

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

Identified uses Not available.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company Name ITW Performance Polymers

Address
Bay 150
Shannon Industrial Estate
Co. Clare
Ireland
V14 DF82

Contact Person Customer Service

Telephone Number 353(61)771500

353(61)471285

Email customerservice.shannon@itwpp.com

Emergency Phone Number 44(0) 1235 239 670 (24 hours)

1.4. Emergency telephone number

General in EU 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.)

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.)

1.4. Emergency telephone number

| | |
|---|---|
| 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 Neatidēliotina 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.

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

Health hazards

| | | |
|---|-------------|---|
| Skin corrosion/irritation | Category 2 | H315 - Causes skin irritation. |
| Serious eye damage/eye irritation | Category 2 | H319 - Causes serious eye irritation. |
| Skin sensitization | Category 1 | H317 - May cause an allergic skin reaction. |
| Reproductive toxicity (fertility, the unborn child) | Category 1B | H360FD - May damage fertility. May damage the unborn child. |

Environmental hazards

| | | |
|--|------------|---|
| Hazardous to the aquatic environment, long-term aquatic hazard | Category 2 | H411 - Toxic to aquatic life with long lasting effects. |
|--|------------|---|

2.2. Label elements

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

UFI:

Austria: RT90-J0GS-G005-7PJ1
Belgium: RT90-J0GS-G005-7PJ1
Bulgaria: RT90-J0GS-G005-7PJ1
Croatia: RT90-J0GS-G005-7PJ1
Cyprus: RT90-J0GS-G005-7PJ1
Czech Republic: RT90-J0GS-G005-7PJ1
Denmark: RT90-J0GS-G005-7PJ1
Estonia: RT90-J0GS-G005-7PJ1
EU: RT90-J0GS-G005-7PJ1
Finland: RT90-J0GS-G005-7PJ1
France: RT90-J0GS-G005-7PJ1
Germany: RT90-J0GS-G005-7PJ1
Greece: RT90-J0GS-G005-7PJ1
Hungary: RT90-J0GS-G005-7PJ1
Iceland: RT90-J0GS-G005-7PJ1
Ireland: RT90-J0GS-G005-7PJ1
Italy: RT90-J0GS-G005-7PJ1
Latvia: RT90-J0GS-G005-7PJ1
Lithuania: RT90-J0GS-G005-7PJ1
Luxembourg: RT90-J0GS-G005-7PJ1
Malta: RT90-J0GS-G005-7PJ1
Netherlands: RT90-J0GS-G005-7PJ1
Norway: RT90-J0GS-G005-7PJ1
Poland: RT90-J0GS-G005-7PJ1
Portugal: RT90-J0GS-G005-7PJ1
Romania: RT90-J0GS-G005-7PJ1
Slovakia: RT90-J0GS-G005-7PJ1
Slovenia: RT90-J0GS-G005-7PJ1
Spain: RT90-J0GS-G005-7PJ1
Sweden: RT90-J0GS-G005-7PJ1

Contains:

1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters, dibenzoyl peroxide; benzoyl peroxide, Epoxy Resin, Oxydipropyl dibenzoate, titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Hazard pictograms



Signal word

Danger

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H360FD May damage fertility. May damage the unborn child.
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/vapors.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.

Storage

P405 Store locked up.

Disposal

Supplemental label information None.

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

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|--|---------|-------------------------|------------------------|--------------|-------|
| dibenzoyl peroxide; benzoyl peroxide | 10 - 30 | 94-36-0 202-327-6 | - | 617-008-00-0 | |
| Classification: Org. Perox. B;H241, Eye Irrit. 2;H319, Skin Sens. 1;H317 | | | | | |
| Epoxy Resin | 10 - 30 | 25085-99-8 | 01-2119456619-26-0000 | - | |
| Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317 | | | | | |
| Oxydipropyl dibenzoate | 1 - 5 | 27138-31-4 248-258-5 | - | - | |
| Classification: - | | | | | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] | 1 - 5 | 13463-67-7 236-675-5 | - | 022-006-002 | |
| Classification: Carc. 2;H351 | | | | | |
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters | 1 - < 3 | 26761-40-0 247-977-1 | - | 607-480-00-6 | |
| Classification: Acute Tox. 4;H332;(ATE: 12,540000000000009 mg/l), Repr. 1B;H360FD, Aquatic Acute 1;H400(M=10), Aquatic Chronic 1;H410(M=10) | | | | | |
| Other components below reportable levels | 30 - 60 | | | | |

List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

4.3. Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards

No unusual fire or explosion hazards noted.

- 5.1. Extinguishing media**
Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).
Unsuitable extinguishing media Do not use water jet as an extinguisher, 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 breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures Move containers from fire area if you can do so without risk.
- Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures**
For non-emergency personnel Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.
For emergency responders Keep unnecessary personnel away. Ensure adequate ventilation. Avoid breathing mist/vapors. 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 release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
- 6.3. Methods and material for containment and cleaning up**
 Prevent entry into waterways, sewer, basements or confined areas.
 Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
 Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
 Never return spills to original containers for re-use.
- 6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
- 7.2. Conditions for safe storage, including any incompatibilities**
 Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
 Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended
 ANNEX 1, PART 1 Categories of dangerous substances
 Hazard categories in accordance with Regulation (EC) No 1272/2008
 - E2 Hazardous to the Aquatic Environment Chronic (Lower-tier requirements = 200 tons;
 Upper-tier requirements = 500 tons)
- 7.3. Specific end use(s)** Observe industrial sector guidance on best practices.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001, as amended

| Components | Type | Value | Form |
|---|------|---------------------|------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | MAK | 3 mg/m ³ | |
| | STEL | 5 mg/m ³ | |

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001, as amended

| Components | Type | Value | Form |
|--|---------|----------------------|---------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | Ceiling | 10 mg/m ³ | Inhalable fraction. |
| | MAK | 5 mg/m ³ | Inhalable fraction. |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | MAK | 5 mg/m ³ | Respirable dust. |
| | STEL | 10 mg/m ³ | Respirable dust. |

Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended

| Components | Type | Value |
|--|------|----------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 10 mg/m ³ |

Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended

| Components | Type | 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/m ³ | Respirable dust. |

Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended

| Components | Type | Value | Form |
|--|------|----------------------|------------------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | MAC | 5 mg/m ³ | |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | MAC | 5 mg/m ³ | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | MAC | 4 mg/m ³ | Respirable dust. |
| | | 10 mg/m ³ | Total dust. |

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended

| Components | Type | Value |
|--|------|----------------------|
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 10 mg/m ³ |

Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)

| Components | Type | Value |
|---|---------|----------------------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | Ceiling | 10 mg/m ³ |
| | TWA | 3 mg/m ³ |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | Ceiling | 10 mg/m ³ |

Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)

| Components | Type | Value |
|------------|------|---------|
| | TWA | 5 mg/m3 |

Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2

| Components | Type | Value |
|--|------|---------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | TLV | 3 mg/m3 |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TLV | 5 mg/m3 |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TLV | 6 mg/m3 |

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended

| Components | Type | Value |
|--|------|---------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | STEL | 5 mg/m3 |
| | TWA | 3 mg/m3 |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m3 |
| 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 Values, Social Affairs and Ministry of Health

| Components | Type | Value | Form |
|--|------|----------|-------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | STEL | 10 mg/m3 | |
| | TWA | 5 mg/m3 | |
| 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. |

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

| Components | Type | Value |
|--|------|----------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | VME | 5 mg/m3 |
| Regulatory status: Indicative limit (VL) | | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | VME | 10 mg/m3 |
| Regulatory status: Indicative limit (VL) | | |

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated

| Components | Type | Value | Form |
|--|------|-----------|----------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m3 | Inhalable fraction. |
| 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 Ambient Air at the Workplace

| Components | Type | Value | Form |
|--|------|------------------------|----------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | AGW | 5 mg/m ³ | Inhalable fraction. |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | AGW | 10 mg/m ³ | Inhalable fraction. |
| | | 1,25 mg/m ³ | Respirable fraction. |

Greece. OELs, Presidential Decree No. 307/1986, as amended

| Components | Type | Value | Form |
|--|------|----------------------|-------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 5 mg/m ³ | Respirable. |
| | | 10 mg/m ³ | Inhalable |

Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended

| Components | Type | Value | |
|--|------|---------------------|--|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | STEL | 5 mg/m ³ | |
| | TWA | 5 mg/m ³ | |

Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended

| Components | Type | Value | |
|--|------|---------------------|--|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | TWA | 3 mg/m ³ | |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 6 mg/m ³ | |

Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations

| Components | Type | Value | Form |
|--|------|----------------------|-----------------------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | TWA | 5 mg/m ³ | |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 4 mg/m ³ | Respirable dust. |
| | | 10 mg/m ³ | Total inhalable dust. |

Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended

| Components | Type | Value | Form |
|--|------|-----------------------|--------------------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 2,5 mg/m ³ | Respirable finescale particles |

Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended

| Components | Type | Value | Form |
|------------|------|-----------|--------------------------------|
| | | 0,2 mg/m3 | Respirable nanoscale particles |

Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended

| Components | Type | 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 Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended

| Components | Type | Value |
|--|------|---------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | STEL | 5 mg/m3 |
| | TWA | 3 mg/m3 |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 5 mg/m3 |

Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended

| Components | Type | Value |
|--|------|---------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TLV | 5 mg/m3 |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TLV | 5 mg/m3 |

Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)

| Components | Type | Value | Form |
|--|------|----------|---------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | STEL | 10 mg/m3 | |
| | TWA | 5 mg/m3 | |
| 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 occupational exposure to chemical agents (NP 1796-2014)

| Components | Type | Value |
|--|------|----------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m3 |
| 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 Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)

| Components | Type | Value |
|--|------|----------------------|
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | STEL | 15 mg/m ³ |
| | TWA | 10 mg/m ³ |

Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)

| Components | Type | Value |
|--|------|---------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 5 mg/m ³ |

Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended

| Components | Type | Value | Form |
|--|------|------------------------|----------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ | Inhalable fraction. |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 10 mg/m ³ | Inhalable fraction. |
| | | 1,25 mg/m ³ | Respirable fraction. |

Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)

| Components | Type | Value |
|--|------|----------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m ³ |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 10 mg/m ³ |

Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended

| Components | Type | Value | Form |
|--|------|---------------------|-------------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | STEL | 5 mg/m ³ | |
| | TWA | 3 mg/m ³ | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 5 mg/m ³ | Total dust. |

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte

| Components | Type | Value | Form |
|--|------|---------------------|---------------------|
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | STEL | 5 mg/m ³ | Inhalable fraction. |
| | TWA | 5 mg/m ³ | Inhalable fraction. |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | TWA | 3 mg/m ³ | Respirable dust. |

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

| Components | Type | Value | Form |
|--|--|--------------|-------------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | TWA | 5 mg/m3 | |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | TWA | 5 mg/m3 | |
| 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 the ingredient(s). | | |
| Recommended monitoring procedures | Follow standard monitoring procedures. | | |
| Derived no effect levels (DNELs) | Not available. | | |
| Predicted no effect concentrations (PNECs) | Not available. | | |
| Exposure guidelines | | | |
| Hungary OELs: Skin designation | | | |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | Can be absorbed through the skin. | | |
| 8.2. Exposure controls | | | |
| Appropriate engineering controls | Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower. | | |
| Individual protection measures, such as personal protective equipment | | | |
| General information | Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. | | |
| Eye/face protection | Chemical respirator with organic vapor cartridge and full facepiece. | | |
| Skin protection | | | |
| - Hand protection | Wear appropriate chemical resistant gloves. | | |
| - Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. | | |
| Respiratory protection | Chemical respirator with organic vapor cartridge and full facepiece. | | |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. | | |
| Hygiene measures | Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. | | |
| Environmental exposure controls | Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels. | | |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------------|
| Physical state | Liquid. |
| Form | Viscous. Liquid. |
| Color | Grey. |
| Odor | Slight. |
| Melting point/freezing point | 217,4 °F (103 °C) estimated |
| Boiling point or initial boiling point and boiling range | 608 °F (320 °C) estimated |
| Flammability | Not applicable. |

| | |
|--|-------------------------------|
| Flash point | 265,0 °F (129,4 °C) estimated |
| Auto-ignition temperature | 176 °F (80 °C) estimated |
| 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 | -0,001 hPa estimated |
| Density and/or relative density | |
| Density | 1,16 g/cm3 estimated |
| Vapor density | Not available. |
| Particle characteristics | Not available. |

9.2. Other information

9.2.1. Information with regard to physical hazard classes No relevant additional information available.

9.2.2. Other safety characteristics

 Specific gravity 1,16 estimated

SECTION 10: Stability and reactivity

| | |
|---|---|
| 10.1. Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| 10.2. Chemical stability | Material is stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| 10.4. Conditions to avoid | Contact with incompatible materials. |
| 10.5. Incompatible materials | Acids. Alcohols. Amines. |
| 10.6. Hazardous decomposition products | No hazardous decomposition products are known. |

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | Causes skin irritation. May cause an allergic skin reaction. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. |

Symptoms Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Not known.

| Components | Species | Test Results |
|---|---------|------------------------------------|
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 3160 mg/kg |
| Inhalation | | |
| LC50 | Rat | > 12,540000000000009 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | > 6000 mg/kg |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | 7710 mg/kg |

| Components | Species | Test Results |
|--|---|---------------|
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | | |
| Acute | | |
| Dermal | | |
| LD50 | Hamster | ≥ 10000 mg/kg |
| Oral | | |
| LD50 | Rat | > 10000 mg/kg |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | |
| Respiratory sensitization | Due to partial or complete lack of data the classification is not possible. | |
| 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. | |
| Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended) | | |
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) | | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | | |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| dibenzoyl peroxide; benzoyl peroxide (CAS 94-36-0) | 3 Not classifiable as to carcinogenicity to humans. | |
| titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) | 2B Possibly carcinogenic to humans. | |
| Reproductive toxicity | May damage fertility. May damage 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 hazards | | |
| 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 | Toxic to aquatic life with long lasting effects. Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard. | |
| 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) | | |
| 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters | 10,36 | |
| dibenzoyl peroxide; benzoyl peroxide | 3,46 | |
| 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 considerations

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 (see: Disposal instructions). |
| 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. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Special precautions | Dispose in accordance with all applicable regulations. |

SECTION 14: Transport information

ADR

| | |
|---|-----------------------------------|
| 14.1. UN number | Not regulated as dangerous goods. |
| 14.2. UN proper shipping name | Not regulated as dangerous goods. |
| 14.3. Transport hazard class(es) | |
| Class | Not assigned. |
| Subsidiary risk | - |
| Hazard No. (ADR) | Not assigned. |
| Tunnel restriction code | Not assigned. |
| 14.4. Packing group | - |
| 14.5. Environmental hazards | No. |
| 14.6. Special precautions for user | Not assigned. |

RID

| | |
|---|---|
| 14.1. UN number | UN3082 |
| 14.2. UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| 14.3. Transport hazard class(es) | |
| Class | 9 |
| Subsidiary risk | - |
| Label(s) | 9 |
| 14.4. Packing group | III |
| 14.5. Environmental hazards | Yes |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

ADN

| | |
|---|---|
| 14.1. UN number | UN3082 |
| 14.2. UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| 14.3. Transport hazard class(es) | |
| Class | 9 |
| Subsidiary risk | - |
| Label(s) | 9 |
| 14.4. Packing group | III |
| 14.5. Environmental hazards | Yes |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

IATA

| | |
|---|--|
| 14.1. UN number | UN3082 |
| 14.2. UN proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (dibenzoyl peroxide; benzoyl peroxide) |
| 14.3. Transport hazard class(es) | |
| Class | 9 |
| Subsidiary risk | - |
| 14.4. Packing group | III |
| 14.5. Environmental hazards | Yes |
| ERG Code | 9L |

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft Allowed with restrictions.

Cargo aircraft only Allowed with restrictions.

IMDG

14.1. UN number UN3082

14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dibenzoyl peroxide; benzoyl peroxide), MARINE POLLUTANT

14.3. Transport hazard class(es)

Class 9

Subsidiary risk -

14.4. Packing group III

14.5. Environmental hazards

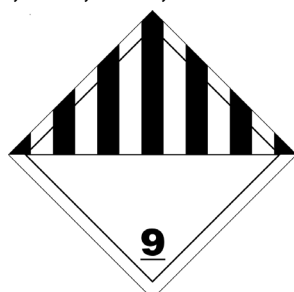
Marine pollutant Yes

EmS F-A, S-F

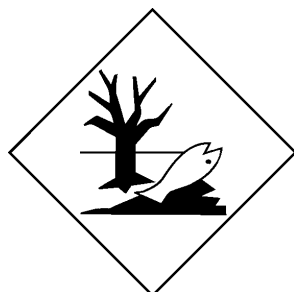
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

14.7. Maritime transport in bulk according to IMO instruments Not established.

ADN; IATA; IMDG; RID



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

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

titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)

UFI:

Austria: RT90-J0GS-G005-7PJ1
Belgium: RT90-J0GS-G005-7PJ1
Bulgaria: RT90-J0GS-G005-7PJ1
Croatia: RT90-J0GS-G005-7PJ1
Cyprus: RT90-J0GS-G005-7PJ1
Czech Republic: RT90-J0GS-G005-7PJ1
Denmark: RT90-J0GS-G005-7PJ1
Estonia: RT90-J0GS-G005-7PJ1
EU: RT90-J0GS-G005-7PJ1
Finland: RT90-J0GS-G005-7PJ1
France: RT90-J0GS-G005-7PJ1
Germany: RT90-J0GS-G005-7PJ1
Greece: RT90-J0GS-G005-7PJ1
Hungary: RT90-J0GS-G005-7PJ1
Iceland: RT90-J0GS-G005-7PJ1
Ireland: RT90-J0GS-G005-7PJ1
Italy: RT90-J0GS-G005-7PJ1
Latvia: RT90-J0GS-G005-7PJ1
Lithuania: RT90-J0GS-G005-7PJ1
Luxembourg: RT90-J0GS-G005-7PJ1
Malta: RT90-J0GS-G005-7PJ1
Netherlands: RT90-J0GS-G005-7PJ1
Norway: RT90-J0GS-G005-7PJ1
Poland: RT90-J0GS-G005-7PJ1
Portugal: RT90-J0GS-G005-7PJ1
Romania: RT90-J0GS-G005-7PJ1
Slovakia: RT90-J0GS-G005-7PJ1
Slovenia: RT90-J0GS-G005-7PJ1
Spain: RT90-J0GS-G005-7PJ1
Sweden: RT90-J0GS-G005-7PJ1

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)

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

1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) 52

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

1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

ANNEX 1, PART 1 Categories of dangerous substances
Hazard categories in accordance with Regulation (EC) No 1272/2008
- E2 Hazardous to the Aquatic Environment Chronic

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.

National regulations

According to Directive 92/85/EEC as amended, pregnant women should not work with the product, 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. Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

Contains a substance which is included on the TRGS 905 list of carcinogenic, germ cell mutagenic and reproductive toxic substances

titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (CAS 13463-67-7) Anorganische Faserstäube, soweit nicht erwähnt (ausgenommen Gipsfasern und Wollastonitfasern)

France regulations

France INRS Table of Occupational Diseases

Epoxy Resin (CAS 25085-99-8) Maladies professionnelles provoquées par les résines époxydiques et leurs constituants 51

Product registration number

| | |
|----------------|--------------------------|
| Austria | UFI: RT90-J0GS-G005-7PJ1 |
| Belgium | UFI: RT90-J0GS-G005-7PJ1 |
| Czech Republic | UFI: RT90-J0GS-G005-7PJ1 |
| Denmark | UFI: RT90-J0GS-G005-7PJ1 |
| European Union | UFI: RT90-J0GS-G005-7PJ1 |
| Finland | UFI: RT90-J0GS-G005-7PJ1 |
| France | UFI: RT90-J0GS-G005-7PJ1 |
| Germany | UFI: RT90-J0GS-G005-7PJ1 |
| Greece | UFI: RT90-J0GS-G005-7PJ1 |
| Hungary | UFI: RT90-J0GS-G005-7PJ1 |
| Italy | UFI: RT90-J0GS-G005-7PJ1 |
| Netherlands | UFI: RT90-J0GS-G005-7PJ1 |
| Norway | UFI: RT90-J0GS-G005-7PJ1 |
| Poland | UFI: RT90-J0GS-G005-7PJ1 |
| Portugal | UFI: RT90-J0GS-G005-7PJ1 |
| Slovakia | UFI: RT90-J0GS-G005-7PJ1 |
| Slovenia | UFI: RT90-J0GS-G005-7PJ1 |
| Spain | UFI: RT90-J0GS-G005-7PJ1 |
| Sweden | UFI: RT90-J0GS-G005-7PJ1 |
| Switzerland | UFI: RT90-J0GS-G005-7PJ1 |

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried 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.
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
IMDG: International Maritime Dangerous Goods.
MAC: Maximum Allowed Concentration.
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TLV: Threshold Limit Value.
TWA: Time Weighted Average.
VLE: Exposure Limit Value.
VME: Exposure Average Value.
vPvB: Very persistent and very bioaccumulative.

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

H241 Heating may cause a fire or explosion.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.
H360FD May damage fertility. May damage the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Revision information

Physical & Chemical Properties: Multiple Properties

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.