

SDS SHEET 0091570

[All SDS](#) [Go Back Print](#)

Safety Data Sheet | |

Date of Issue: |Revision Date: 31-Mar-2016 |Revision Number: 2

Imperial Supplies Part Number: 0091570

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form:

Product Name: ANAEROBIC FLANGE SEALANT 50ML

CAS No:

Synonyms:

1.2. Intended Use of the Product

Use of the substance/mixture: Sealant

1.3. Name, Address, and Telephone of the Responsible Party

ITW Permatex

6875 Parkland Blvd.

Solon, OH 44139 USA

Phone: 1-87-Permatex

(877) 376-2839

Supplier: Imperial Supplies LLC

1.4. Emergency Telephone Number

Emergency | Chem-Tel: 800-255-3924, 00+1+ 813-248-0585
number |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Acute toxicity|Category 4

- Inhalation |

(Vapors) |

Serious eye |Category 2A

damage/eye |

irritation |

|

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)	Exclamat ion mark				
Signal Word (GHS-US)	Warning				
Hazard Statements (GHS-US)	Harmful if inhaled Causes serious eye irritation				
Precautionary Statements (GHS-US)	Precautionary Statements - Prevention Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Wear protective gloves/protective clothing/eye protection/face protection Wash face, hands and any exposed skin thoroughly after handling Precautionary Statements - Response Get medical advice/attention if you feel unwell Specific treatment (see supplemental first aid instructions on this label) IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell Precautionary Statements - Storage Store in a well-ventilated place. Keep container tightly closed Store locked up Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant				

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: Harmful to aquatic life

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Product identifier	%	Classification
			(GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture

Name	Product identifier	%	Classification
			(GHS-US)
POLYGLYCOL DIMETHACRYLATE	25852-47-5	30 - 60	Trade Secret *
TITANIUM DIOXIDE	13463-67-7	1-5	Trade Secret *
N,N-M-PHENYLENE DIMALEIMIDE	3006-93-7	1-5	Trade Secret *
DIMETHYLBENZYL HYDROPEROXIDE	80-15-9	1 - 5	Trade Secret *

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Get medical advice/attention if you feel unwell.

Use personal protective equipment as required.

First-aid Measures After Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

First-aid Measures After Skin Contact: Wash skin with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before reuse.

First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid Measures After Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

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

Symptoms/Injuries: See section 2 for more information.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide (CO₂), Dry chemical, Foam

Unsuitable Extinguishing Media: None.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: None in particular.

Explosion Hazard:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions:

Protection During Firefighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

6.1.1. For Non-emergency Personnel

Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders

Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions

Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological Information.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

Hygiene Measures: When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials: Strong oxidizing agents, Amines.

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Chemical Name

ACGIH TLV

OSHA PEL

NIOSH IDLH

TITANIUM DIOXIDE

13463-67-7

TWA: 10 mg/m³
 TWA: 15 mg/m³ total dust
 (vacated) TWA: 10 mg/m³ total dust
 IDLH: 5000 mg/m³

8.2. Exposure Controls

Appropriate Engineering Controls	Showers Eyewash stations Ventilation systems
Personal Protective Equipment	
Materials for Protective Clothing	
Hand Protection	
Eye Protection	Tight sealing safety goggles.
Skin and Body Protection	Wear protective natural rubber, nitrile rubber, Neoprene or PVC gloves.
Respiratory Protection	Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.
Thermal Hazard Protection	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Red
Odor	Mild
Odor Threshold	No information available
pH	No information available
Relative Evaporation Rate (butylacetate=1)	No information available
Melting Point	No information available
Freezing Point	No information available
Boiling Point	> 150 °C / > 302 °F
Flash Point	> 100 °C / > 212 °F
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available
Flammability (solid, gas)	No information available
Vapor Pressure	< 5 mmHg @ 80 °F
Relative Vapor Density at 20 °C	
Relative Density	1.178
Specific Gravity	
Solubility	Negligible
Partition coefficient: n-octanol/water	No information available
Viscosity	
Lower Flammable Limit	No information available
Upper Flammable Limit	No information available

9.2. Other Information

Softening point: No information available

Molecular weight: No information available

VOC Content (%): <3%

Density: No information available

Bulk density: No information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions

None under normal processing.

10.4 Conditions to Avoid

Excessive heat.

10.5 Incompatible Materials

Strong oxidizing agents, Amines

10.6 Hazardous Decomposition Products

Carbon oxides

Nitrogen oxides (NO_x)

Oxides of sulfur

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity:

Skin Corrosion/Irritation:

Serious Eye Damage/Irritation:

Respiratory or Skin Sensitization: No information available.

Germ Cell Mutagenicity: No information available.

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name

ACGIH

IARC

NTP

OSHA

TITANIUM DIOXIDE

13463-67-7

-

Group 2B

-

X

IARC (International Agency for Research on Cancer): Not classifiable as a human carcinogen

Reproductive Toxicity:

Specific Target Organ Toxicity (Single Exposure):

Specific Target Organ Toxicity (Repeated Exposure):

Aspiration Hazard:

Symptoms/Injuries After Inhalation: Harmful by inhalation.

Symptoms/Injuries After Skin Contact: May cause skin irritation and/or dermatitis.

Symptoms/Injuries After Eye Contact: Contact with eyes may cause irritation. May cause redness and tearing of the eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause irritation to mucous membranes.

Chronic Symptoms:

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

9.92 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential

No information available.

12.4. Mobility in Soil

No information available.

12.5. Other Adverse Effects

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Additional Information: Contaminated packaging: Do not reuse container.

US EPA Waste Number: Not applicable

Chemical Name

RCRA

RCRA - Basis for Listing

RCRA - D Series Wastes

RCRA - U Series Wastes

DIMETHYLBENZYL

HYDROPEROXIDE

80-15-9

-

-

-

U096

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name | Not regulated

Hazard Class | | <PICTOGRAM PHRASE>

Identification Number | |

Label Codes | |

ERG Number |

14.2 In Accordance with IMDG

Proper Shipping Name | Not regulated

Hazard Class |

Identification Number |

Label Codes | | <PICTOGRAM PHRASE>

ntification Of The | |

Substance/m | |

EmS-No. (Fire) | |

EmS-No. (Spillage) | |

14.3 In Accordance with IATA

Proper Shipping Name | Not regulated

Identification Number | | <PICTOGRAM PHRASE>

Hazard Class | |

Label Codes | |

ntification Of The | |

Substance/m | |

ERG Code (IATA) |

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

<COMPONENT>

SARA 313

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

Chemical Name

SARA 313 - Threshold Values %

DIMETHYLBENZYL HYDROPEROXIDE - 80-15-9

1.0

SACCHARIN - 81-07-2

1.0

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

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

Chemical Name

Hazardous Substances RQs

CERCLA/SARA RQ

Reportable Quantity (RQ)

DIMETHYLBENZYL

HYDROPEROXIDE

80-15-9

10 lb

-

RQ 10 lb final RQ

RQ 4.54 kg final RQ

SARA Section 311/312 Hazard Classes | Acute health hazard: Yes
 | Chronic Health Hazard: No
 | Fire hazard: No
 | Sudden release of pressure hazard: No
 | Reactive Hazard: No

Toxic Substances Control Act (TSCA) | Complies

15.2 US State Regulations

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

Chemical Name

California Hazardous Waste Status

DIMETHYLBENZYL HYDROPEROXIDE

Toxic Ignitable

80-15-9

California Proposition 65: This product does not contain any Proposition 65 chemicals.

Chemical Name

New Jersey

Massachusetts

Pennsylvania

DIMETHYLBENZYL

HYDROPEROXIDE

80-15-9

X

X

X

SACCHARIN

81-07-2

X

X

X

1,4-NAPHTHOQUINONE

130-15-4

X

X

X

U.S. EPA Label Information

EPA Pesticide Registration Number: Not applicable.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date |31-Mar-2016

Other Information |This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR |1910.1200.

GHS Full Text Phrases:

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