



Revision Number: 001.1

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**1. IDENTIFICATION**

**Product name:** Fester SIP I 620 PB **IDH number:** 2949447  
**Product type/** Hardener  
**Recommended use:**  
**Restriction of Use:** None identified **Region:** Mexico  
**Company address:** **Contact information:**  
 Henkel Capital S.A. de C.V. Telephone: +52 (55) 33003000  
 Boulevard Magnocentro 8 – P2 SETIQ., Telephone 01-800-00-214-00 (5559-1588)  
 Centro Urbano San Fernando la Herradura  
 Huixquilucan Edo. de Mexico, C.P. 52760

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:** H302 - HARMFUL IF SWALLOWED.  
 H315 - CAUSES SKIN IRRITATION.  
 H372 - CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
SKIN IRRITATION	2
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	1

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** P260 - Do not breathe vapors, mist, or spray.  
 P264 - Wash affected area thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P280 - Wear protective gloves.

**Response:** P301+P312+P330 - IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.  
 P302+P352 - IF ON SKIN: Wash with plenty of water.  
 P314 - Get medical attention if you feel unwell.  
 P332+P313 - If skin irritation occurs: Get medical attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.

**Storage:** Not prescribed

**Disposal:** P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

**Other hazards** Not available.

Classification complies with NOM-018-STPS-2015 and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	UN no.:	Percentage*
2(or 4)-Methyl-4,6(or 2,6)-bis(methylthio)-1,3-benzenediamine	106264-79-3		30 - 60
Titanium dioxide	13463-67-7		30 - 60
Quartz (SiO <sub>2</sub> ), <1% respirable	14808-60-7		10 - 30

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

<b>Inhalation:</b>	Immediately remove victim to fresh air. Get immediate medical attention.
<b>Skin contact:</b>	Rinse with running water and soap. Get immediate medical attention.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Get immediate medical attention.
<b>Most important symptoms and effects (acute and delayed):</b>	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
<b>Indication of any immediate medical attention / special treatment needed:</b>	Not available.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	carbon dioxide, foam, powder, water spray jet, fine water spray
<b>Improper extinguishing agents:</b>	Not available.
<b>Special firefighting procedures:</b>	Wear respiratory protection equipment according to ambient air conditions.
<b>Unusual fire or explosion hazards:</b>	In the event of a fire, nitrogen oxides (NO <sub>x</sub> ) can be released.
<b>Hazardous combustion products:</b>	Irritating and toxic gases or fumes may be released during a fire.

### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

<b>Environmental precautions:</b>	Do not empty into drains / surface water / ground water.
<b>Clean-up methods:</b>	Remove with liquid-absorbing material (sand, peat, sawdust).

## 7. HANDLING AND STORAGE

**Handling:** Ensure that workrooms are adequately ventilated.

**Storage:** Ensure adequate ventilation. Store in sealed original container. Store in a dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Titanium dioxide	0.2 mg/m3 TWA Respirable nanoscale particles 2.5 mg/m3 TWA Respirable finescale particles	15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Quartz (SiO2), <1% respirable	0.025 mg/m3 TWA Respirable fraction.	0.05 mg/m3 TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m3 OSHA ACT (Respirable dust.) 0.05 mg/m3 PEL Respirable dust. 2.4 MPPCF TWA Respirable 0.1 mg/m3 TWA Respirable	None	None

**Engineering controls:** Ensure good ventilation/suction at the workplace.

**Respiratory protection:** Suitable breathing mask when there is inadequate ventilation.

**Eye/face protection:** Wear protective glasses.

**Skin protection:** Wear protective equipment. Use of Butyl or Nitrile Rubber gloves is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid

**Color:** Yellow

**Odor:** Amine

**Odor threshold:** Not available.

**pH:** Not applicable

**Vapor pressure:** Not available.

**Boiling point/range:** 200 °C (392°F)

**Melting point/ range:** Not available.

**Density/Relative density:** Not available.

**Relative vapor density:** Not available.

**Flash point:** 163.4 °C (326.12 °F) Internal Henkel specification

**Flammable/Explosive limits - lower:** Not available.

**Flammable/Explosive limits - upper:** Not available.

**Autoignition temperature:** Not available.

**Flammability:** Not applicable

**Evaporation rate:** Not available.

<b>Solubility:</b>	Not available.
<b>Partition coefficient n-octanol/water (logarithmic value):</b>	Not available.
<b>VOC content:</b>	Not available.
<b>Dynamic viscosity:</b>	45,000 - 100,000 cPas
<b>Kinematic viscosity:</b>	Not available.
<b>Particle characteristics:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Reactivity:</b>	Not available.
<b>Hazardous reactions:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	In case of fire toxic gases can be released.
<b>Incompatible materials:</b>	Reaction with alcohols Reaction with amines
<b>Conditions to avoid:</b>	Avoid excessive heat and ignition sources.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely routes of exposure</b>	Skin, Inhalation, Eyes, Ingestion
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**Potential Health Effects/Symptoms**

**Inhalation:** May cause respiratory tract irritation. Contains crystalline silica (quartz), which is classified as a possible carcinogen. However, the crystalline silica present in this product is encapsulated in the liquid and will only be liberated if the product is sanded or abraded, and even then what is liberated will not be pure crystalline silica. Appropriate precautions, however, should be taken if the product is sanded or abraded to prevent personnel from breathing the dust.

**Skin contact:** Causes skin irritation.

**Eye contact:** May cause irritation.

**Ingestion:** Harmful if swallowed.

Hazardous Component(s)	LD50s and LC50s
2(or 4)-Methyl-4,6(or 2,6)-bis(methylthio)-1,3-benzenediamine	None
Titanium dioxide	Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l
Quartz (SiO2), <1% respirable	None

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
2(or 4)-Methyl-4,6(or 2,6)-bis(methylthio)-1,3-benzenediamine			Mutagen Some evidence of carcinogenicity Skin
Titanium dioxide	Irritant		Respiratory Some evidence of carcinogenicity
Quartz (SiO2), <1% respirable			Immune system Lung Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
2(or 4)-Methyl-4,6(or 2,6)-bis(methylthio)-1,3-benzenediamine	No	No	No
Titanium dioxide	No	Group 2B	No
Quartz (SiO2), <1% respirable	Known To Be Human Carcinogen.	Group 1	Yes

**12. ECOLOGICAL INFORMATION**

**Ecological information:** Do not empty into drains / surface water / ground water.

**Ecotoxicity:** Not available.

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility:** Not available.

**Other ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of in accordance with local and national regulations.

## 14. TRANSPORT INFORMATION

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), A197 (IATA), 2.10.2.7 (IMDG), NZ 4.3(10) may be applied, which can result in a deviation from the transport classification for packed goods.

### Road transport ADR:

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Environmentally hazardous substance, liquid, n.o.s. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III

### Water Transportation (IMO/IMDG)

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III  
**Marine pollutant:** 6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

## 15. REGULATORY INFORMATION

No additional information

## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New information added in Section(s): 3, 11

**Prepared by:** Product Safety and Regulatory Affairs  
**Issue date:** 08/15/2025

**DISCLAIMER: This information is considered correct, but it's not exhaustive and will be used only as a guide, which is based on current knowledge of the chemical substance(s) and/or mixture and apply to the appropriate product for safety precautions.**

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