

MSDS (MATERIAL SAFETY DATA SHEET)

CaulkingFlex® Polyolefin Elastic Adhesive

According to Regulation (EU) No 1907/2006



Date: 28th May 2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name **CaulkingFlex® Polyolefin Elastic Adhesive**

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

Identified uses: Caulking -Sealing -Bonding between similar & dissimilar materials.

Producer / Supplier **MITSUKO LTD STI**
YEDPA NO: 125 – 34779 ATASEHİR - ISTANBUL-TURKIYE

1.3. Emergency: Phone : **+90-546-420-8190** - Email: **info@caulkingflex.com**

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Skin Sens. 1-H317, Eye Dam.1 - H318
Environment	Not classified.

The Full Text for all hazard statements are displayed in section 16.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

Signal Word -

Contents Polyolefin Adhesive

Hazard Statements

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

Precautionary Statements

P280 Wear protective clothing, gloves, eye and face protection.

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.

P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain another predicted danger.

This product does not contain any substances classified as PBT or vPvB

Substance or preparation (mixture): Mixture

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Materials	EC No	CAS No	Concentration (100% w/w)
Polyolefin	607-507-1	26221-73-8	85%
Other ingredients	-	-	15%

Composition Comments

- The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Get medical attention if any discomfort continues.

Ingestion

Never make an unconscious person vomit or drink fluids! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

MSDS (MATERIAL SAFETY DATA SHEET)

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Eye contact

Take victim immediately from exposure area to another location. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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

- Inhalation** : Symptoms were not noted.
Ingestion : May cause severe irritation to mouth, esophagus and gastrointestinal tract.
Skin contact : Redness. Mild irritant. Causes allergic skin reactions.
Eye contact : Pain. Itching. Redness. Serious eye damage

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

No specific treatment. Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Fire can be extinguished using: Foam, carbon dioxide, dry powder or water fog.

Unsuitable fire extinguishers: Do not use water jet to extinguish the fire, in case it will spread the fire.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Not applicable.

Specific hazards

In case of fire, toxic gases may be formed. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

Move container from fire area if it can be done without risk. Keep run-off water out of sewers and water sources. Dike for water control. Emergency personnel, except of course provide the move away from the fire area. Fire residues and contaminated fire extinguishing water must be disposed of according to local regulations.

Protective equipment for fire-fighters

Use air-supplied respirator during fire fighting. Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Large Spillages: Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers.

Flush with plenty of water to clean spillage area.

Small Spillages: Wear necessary protective equipment. Absorb spillage with suitable absorbent material.

6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards. For waste disposal, see section 1

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place. Protect from direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep containers upright.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

There is no workplace exposure limit.

8.2. Exposure controls

MSDS (MATERIAL SAFETY DATA SHEET)

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Protective equipment



Process conditions

Provide eyewash, quick drench

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory equipment

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Hand protection

Use suitable protective gloves if risk of skin contact. Neoprene, nitrile, polyethylene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Before removing gloves clean them with soap and water.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Skin protection

Protection suit must be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: physical state: Paste Form

Colour: Black & White

Odour: Odorless

Melting point / freezing point: Not available

Initial boiling point and boiling range: Not available

Flash point: Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density-g/cm³ @20C.: ca. 1,5 g/cm³

Insoluble : insoluble

Oxidizing properties Not oxidizer

Explosive properties Not explosive

Flammable: No

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Not expected.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

MSDS (MATERIAL SAFETY DATA SHEET)

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity - product

ATE oral	5681,818 mg/kg	Based on available data the classification criteria are not met.
ATE dermal	12500 mg/kg	Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye damage.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Based on available data the classification criteria are not met.

Germ cell mutagenicity Genotoxicity - In Vitro/ In Vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive Toxicity – (Fertility/ Development)

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

Other information's

Inhalation: Symptoms were not noted.

Ingestion: May cause severe irritation to mouth, esophagus and gastrointestinal tract.

Skin contact: Redness. Mild irritant. Causes allergic skin reactions.

Eye contact: Pain. Itching. Redness. Serious eye damage

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.2. Persistence and degradability

No information available.

12.3. Bio accumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste, empty containers and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages

SECTION 14: TRANSPORT INFORMATION

General Information

The product is **NOT** covered by international regulations on the transport of **dangerous goods** (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

MSDS (MATERIAL SAFETY DATA SHEET)

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14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant : No

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No 1907/2006 with amendments.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

15.2. Chemical Safety Assessment

No chemical safety assessment has been implemented. Abbreviations and acronyms used in the safety data sheet

SECTION 16: OTHER INFORMATION

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate.

LC₅₀: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). EC₅₀: 50% of maximal Effective Concentration.

PBT: Persistent, Bio accumulative and Toxic substance. vPvB: Very Persistent and Very Bio accumulative.

Classification procedures

Eye Dam.1-H318 : Calculation method. Skin Sens. 1; H317 : Calculation method.

Hazard Statements In Full

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Information Sources

This MSDS is prepared based on the information received from the product owner.

Revision Comments

First issue.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.