



CHASBKARAN SAHELE ARAS CO.

MATERIAL SAFETY DATA SHEETS

FINAL PU SEALANT SAUSAGE

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

1.1. Product identifier

Product form : MIXTURE
Trade name : FINAL PU SEALANT SAUSAGE
Type of product : ADHESIVE, SEALANT
Product group : TRADE PRODUCT

1.2. Relevant identified uses of the substance or mixture and uses discouraged

Intended use: Silicone sealant.

1.3. Details of the supplier providing the safety data sheet

Head office: Chasbkaran Sahel Aras Co. 4th Floor, No.2, Mahan Bldg, Mojahedi Alley, Tavanir Blvd,

Valiasr, Tabriz, Iran

Phone: +98 (41) 4196

info@csa-team.com

www.chasbkaran.com

1.4. Emergency telephone number

In Case Of Emergency : +98 (41) 4196

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]Mi

Sensitisation — Respiratory

H334

Calculation method

Adverse physicochemical, human health and environmental effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] E

Hazard pictograms (CLP)

:



GHS08

Signal word (CLP)

: Danger

Hazardous ingredients

: 4,4'-methylenediphenyl diisocyanate,
diphenylmethane-4,4'-diisocyanate.

Hazard statements (CLP)

: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.
P261 - Avoid breathing fume, mist, vapors.
P284 - [In case of inadequate ventilation] Wear respiratory protection.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311 - If experiencing respiratory symptoms: Call a doctor, a POISON CENTER.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
xylene (Note C)	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate (Note C) (Note 2)	(CAS No) 101-68-8 (EC no) 202-966-0 (EC index no) 615-005-00-9 (REACH-no) 01-211945701447-0000	< 1	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
Silane, trimethoxy[3-(oxiranylmethoxy)propyl]-	Silane, trimethoxy[3-(oxiranylmethoxy)propyl]-	< 1	Eye Dam. 1, H318



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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general

: Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact

: Wash skin with plenty of water.

First-aid measures after eye contact

: Rinse eyes with water as a precaution.

First-aid measures after ingestion

: Call a poison center or a doctor if you feel unwell.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

: Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of released

: Toxic fumes may

SECTION 6: HANDLING AND STORAGE

6.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray

Hygiene measures

: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

6.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in a well-ventilated place. Keep cool.

SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION

7.1. Exposure controls

Appropriate engineering controls

: Ensure good ventilation of the work station.

Hand protection

: Protective gloves.

Eye protection

: Safety glasses.

Skin and body protection

: Wear suitable protective clothing.

Respiratory protection

: Wear respiratory protection.

Environmental exposure controls

: Avoid release to the environment.



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SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Paste
Color	white, Black, Grey
Density	1.40 gr/ml
Odor	characteristic

SECTION 9: STABILITY AND REACTIVITY

9.1. Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

9.2. Chemical stability:

Stable under normal conditions.

9.3. Possibility of hazardous reactions:

No dangerous reactions known under normal conditions of use.

9.4. Conditions to avoid:

None under recommended storage and handling conditions.

9.5. Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 10: ECOLOGICAL INFORMATION

10.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

SECTION 11: DISPOSAL CONSIDERATIONS

11.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 12: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 13: TOXICOLOGICAL INFORMATION

Acute toxicity :	Not classified
Skin corrosion/irritation :	Not classified
Serious eye damage/irritation :	Not classified
Respiratory or skin sensitisation :	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
Specific target organ toxicity (single exposure) :	Not classified
Specific target organ toxicity (repeated exposure) :	Not classified
Aspiration hazard :	Not classified

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / AND

UN number UN-No. (ADR) :	Not applicable
UN-No. (IMDG) :	Not applicable
UN-No. (IATA) :	Not applicable
UN-No. (ADN) :	Not applicable
UN-No. (RID) :	Not applicable
UN proper shipping name	
Proper Shipping Name (ADR) :	Not applicable
Proper Shipping Name (IMDG) :	Not applicable
Proper Shipping Name (IATA) :	Not applicable
Proper Shipping Name (ADN) :	Not applicable
Proper Shipping Name (RID) :	Not applicable



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Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) :

Not applicable

IMDG

Transport hazard class(es) (IMDG) :

Not applicable

IATA

Transport hazard class(es) (IATA) :

Not applicable

ADN

Transport hazard class(es) (ADN) :

Not applicable

RID

Transport hazard class(es) (RID) :

Not applicable

Packing group

Packing group (ADR) :

Not applicable

Packing group (IMDG) :

Not applicable

Packing group (IATA) :

Not applicable

Packing group (ADN) :

Not applicable

Packing group (RID) :

Not applicable

Environmental hazards

Dangerous for the environment :

No

Marine pollutant :

No

Other information :

No supplementary information available

SECTION 15: REGULATORY INFORMATION

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

EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content :

< 40 g/l

National regulations

Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

SECTION 16: OTHER INFORMATION

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal)
Acute Tox. 4 (Inhalation)	Acute toxicity (inhale.)
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist)
Carc. 2	Carcinogenicity
Eye Dam. 1	Serious eye damage/eye irritation
Eye Irrit. 2	Serious eye damage/eye irritation
Flam. Liq. 3	Flammable liquids
Resp. Sens. 1	Sensitisation — Respiratory
Skin Irrit. 2	Skin corrosion/irritation
Skin Sens. 1	Sensitisation — Skin
STOT RE 2	Specific target organ toxicity — Repeated exposure
STOT SE 3	Specific target organ toxicity — Single exposure
H226	Flammable liquid and vapors
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure