



CHASBKARAN SAHELE ARAS CO.

MATERIAL SAFETY DATA SHEETS

FINAL RTV SILICONE TURBOPLUS

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

1.1. Product identifier

Product form	: MIXTURE
Trade name	: FINAL RTV SILICONE TURBOPLUS
Product code	: S350 HTX
Type of product	: SILICONE 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 (CLP)

The substance or mixture is not hazardous in accordance with Regulation (EC) No 1272/2008 (CLP).

Classification (DPD)

No classification required.

2.2. Labelling elements

Marking elements (CLP)

The substance or mixture is not hazardous in accordance with Regulation (EC) No 1272/2008 (CLP).

Related Informations

Contains vinyloximinosilan; Butane-2-on-O, O', O''-(methylsilylidyn)trioxim; butanonoxime; N-(3-(Trimethoxy silyl) propyl) ethylenediamine. May cause allergic reactions.

Security

P102 Must not get into the hands of children.

P101 If medical advice is required, have packaging or label ready.

P262 Do not allow to get into the eyes, skin or clothing.

P271 Use outdoors or in.

Well-ventilated rooms only.

2.3. Other hazards

Methyl ethyl ketoxime is formed during curing.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

General chemical characterization

1 K-silicone joint sealant Base.

substances of the preparation

Polydimethylsiloxane.

Anorganic fillers.

Ingredient information according to CLP (EC) No 1272/2008:

Dangerous ingredients CAS No.	EC number REACH.Reg. No	Salary	Classification
Distillates (petroleum), hydrogen-treated medium gas oil not specified 64742-46-7	265-148-2 01- 2119552497-29 01- 2119827000-58	> 1- < 5 %	Aspiration hazard 1 H304
Butane-2-on-O, O', O''- (methylsilylidyne) trioxim 22984- 54-9	245-366-4	>= 0.1- < 1 %	irritant effect on the skin 2; Dermal H315 sensitization of the skin 1; Dermal H317 Severe eye irritation. 2 H319
N-(3- (trimethoxy silyl) propyl) ethylenediamine 1760-24-3	217-164-6	>= 0.1- < 1 %	sensitization of the skin 1; Dermal H317 Severe eye damage/irritation 1 H318 Acute toxicity 4; inhaled H332 Chronic aquatic toxicity 3 H412
Vinyloximinosilan 2224- 33-1	218-747-8	>= 0.1- < 1 %	irritant effect on the skin 2; Dermal H315 sensitization of the skin 1; Dermal H317 Severe eye irritation. 2 H319
Butanonoxime 96-29- 7	202-496-6	>= 0.1- < 1 %	Severe eye damage 1

			H318 Sensitization of the skin 1 H317 Carcinogenicity 2 H351 Acute toxicity 4; Dermal H312
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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

In case of complaints, consult a doctor.

Inhale

Fresh air, consult a doctor in case of persistent complaints.

Skin contact

Rinse with running water and soap. Skin care. Change soiled, soaked clothes. If necessary, consult a dermatologist.

Eye contact

Rinse under running water, consult a doctor if necessary.

Swallow

Rinsing the oral cavity, drinking 1-2 glasses of water, consult a doctor.

4.2. Indications of emergency medical assistance or special treatment.

See chapter: Description of first aid measure.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing agents

Suitable extinguishing agents

Carbon dioxide, foam, powder, water spray jet/mist.

Unsuitable extinguishing agents for safety reasons:

Full jet of water.

5.2. Specific hazards posed by the substance or community

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released.

5.3. Firefighting

instructions Wear personal protective equipment. Wear ambient air-independent respiratory protection.

SECTION 6: MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

6.1. Personal precautions, protective equipment and procedures to be followed in emergencies



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Wear personal protective equipment.

Avoid contact with the eyes and skin.

Ensure adequate ventilation.

6.2. Environmental protection measures

Do not allow to enter the sewerage / surface water / groundwater.

SECTION 7: HANDLING AND STORAGE

7.1. Protective measures for safe handling Avoid

skin and eye contact Sufficient ventilation of work areas.

Hygiene measures:

Do not eat, drink or smoke at work.

Wash hands before breaks and after work.

7.2. Conditions for safe storage, taking into account incompatibilities, keep containers tightly

Store frost-free.

Temperatures between 0 °C and + 30 °C.

Do not store together with food and beverages.

7.3. Specific end-use applications

Joint sealant, silicone.

SECTION 8: LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1. Limitation and monitoring of exposure

Respiratory

Suitable respirator with insufficient ventilation.

Combination filter ABEKP

This recommendation must be adapted to local conditions.

Guard

Gloves made of nitrile with a material thickness of >0.1 mm (breakthrough time < 30s) are recommended. Gloves must be changed after a single short-term contact or contamination! These are available in laboratory shops or pharmacies.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

firm

pasty

grey

Smell

characteristic

Density (20°C (68°F))

1.30 g/cm³

Solubility

qualitatively and internationally

(23 °C (73.4 °F); L sm.: Water)

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with acids: heat and carbon dioxide development.

10.2. Chemical stability

Stable under specified storage conditions.

10.3. Conditions to be avoided

None known when used as intended.

10.4. Dangerous decomposition products

Methyl ethyl ketoxime is formed during curing.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information on toxicology

The mixture is based on the available hazard data of the ingredients, as defined in the Classification criteria for mixtures for each hazard class are classified in Annex I of Directive 1272/2008/EC.

Relevant available information on health and environmental aspects of the substances from Chapter 3 is provided below.

Skin irritation

Primary skin irritation: Slightly irritating, not requiring identification.

Eye irritation

Primary eye irritation: Slightly irritating, not subject to labelling.

Sensitisation

After repeated skin contact with the product, an allergy cannot be ruled out.

Acute oral toxicity

Dangerous ingredients CAS No.	Value	Value	Recording path	Expositionsdauer	Species	Method
Butanonoxime 96-29-7	LD50	2,326 mg/kg	oral		Rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity

Dangerous ingredients CAS No.	Value	Value	Recording path	Expositionsdauer	Species	Method
Butanonoxime 96-29-7	LD50	> 1,000 mg/kg	dermal		Rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Butanonoxime 96-29-7	Acute toxicity Estimate (ATE)	1,100 mg/kg				Expert Evaluation
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Severe eye damage/irritation

Dangerous ingredients CAS No.	Result	Expositions Dauer	Species	Method
N-(3- (trimethoxy silyl) propyl) ethylendiamine 1760-24-3	Risk of serious eye damage		Rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Butanonoxime 96-29-7	Category 1 (irreversible effects on the eye)		Rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Sensitization of the respiratory tract/skin

Dangerous ingredients CAS No.	Result	Test type	Species	Method
N-(3- (trimethoxysilyl) propyl) ethylendiamine 1760-24-3	sensitizing	local mouse lymph node E Pattern	Guineans	OECD Guideline 429 (Skin Sensitization: Local Lymph Node Assay)
Butanonoxime 96-29-7	sensitizing	Meerschweinchen	Guineans	OECD Guideline 406 (Skin Sensitisation)

SECTION 12: ACCIDENTAL RELEASE

12.1. Personal precautions, protective equipment and procedures to be followed in emergencies

Wear personal protective equipment.

Avoid contact with the eyes and skin.

Ensure adequate ventilation.

12.2. Environmental protection measures

Do not allow to enter the sewerage / surface water / groundwater.

12.3. Mechanically absorb methods and material for retention and cleaning .



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SECTION 13: DISPOSAL NOTICE

13.1. Waste treatment process

Disposal of the product:

Dispose of product residues in compliance with local official regulations.

Disposal of uncleaned packaging:

Recycle packaging only completely emptied.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

No dangerous goods within the meaning of RID, ADR, ADNR, IMDG, IATA-DGR

14.2. Proper UN shipping designation

No dangerous goods within the meaning of RID, ADR, ADNR, IMDG, IATA-DGR

14.3. Transport hazard classes

No dangerous goods within the meaning of RID, ADR, ADNR, IMDG, IATA-DGR

14.4. Packaging group

No dangerous goods within the meaning of RID, ADR, ADNR, IMDG, IATA-DGR 14.5.

14.5 Environmental hazards

No dangerous goods within the meaning of RID, ADR, ADNR, IMDG, IATA-DGR

14.6. Special precautions for the user

No dangerous goods within the meaning of RID, ADR, ADNR, IMDG, IATA-DGR

14.7. Bulk transport in accordance with Annex II to MARPOL 73/78 and IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

VOC content 0.00 % (VOCV 814.018 VOC Regulation CH)

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

National Regulations/Notes (Germany):

WGK: 1, weakly water-polluting product. (VwVwS of 17 May 1999)

Classification according to mixing rule

Storage class according to TRGS 510: 11



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SECTION 16: OTHER INFORMATION

H304 Can be fatal if swallowed and penetrated into the respiratory tract.

H312 Harmful to health in contact with the skin.

H315 Causes skin irritation.

H317 May cause allergic skin reactions.

H318 Causes severe eye damage.

H319 Causes severe eye irritation.

H332 Harmful to health when inhaled.

H351 Can probably cause cancer.

H412 Harmful to aquatic organisms, with long-term effects.