



DUNLOP FX-90

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

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

1.1 Product identifier

Product Name DUNLOP FX-90

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

Identified Use(s) Silicone sealant.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

Company Identification Building Adhesives Limited

Address of Manufacturer Longton Road

Trentham

Stoke on Trent

Postal code ST4 8JB

Telephone: +44 (0)1782 591100

Fax Not known.

E-mail sdsreply@building-adhesives.com

Office hours 8:30am-5pm, Mon-Fri (excluding bank holidays)

1.4 Emergency telephone number

Emergency Phone No. 01865 407 333 (24/7 all year)

Contact No information available.

National response centre

Address NHS Direct

Emergency Phone No. +44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI Skin Sens. 1A :May cause an allergic skin reaction.

2019/720 and UK SI 2020/1567 Aquatic Chronic 3 :Harmful to aquatic life with long lasting effects.

2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567

Product Name DUNLOP FX-90

Hazard Pictogram(s)



GHS07

Signal Word(s) Warning

Hazard Statement(s)

H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

EUH208. Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one, bis[(2-ethyl-2,5-dimethylhexanoyl)oxy](dimethyl)stannane. May produce an allergic reaction.



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Precautionary Statement(s)

P261: Avoid breathing vapours.

2.3 Other hazards

This product contains: 556-67-2 (Endocrine disrupting properties)

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Distillates (petroleum), hydrotreated light Kerosine - unspecified	64742-47-8	265-149-8	<25	Asp. Tox. 1 H304	GHS08
Distillates (petroleum), hydrotreated middle Gasoil - unspecified	64742-46-7	265-148-2	<25	Asp. Tox. 1 H304	GHS08
Octamethylcyclotetrasiloxane- octamethylcyclotetrasiloxane; [D4]	556-67-2	209-136-7	<0.1	Repr. 2 H361f Aquatic Chronic 1 H410	GHS08 GHS09
4,5-dichloro-2-octyl- 2H- isothiazol-3-one; [DCOIT]	64359-81-5	264-843-8	<1	Acute Tox. 4 H302 Skin Corr. 1 H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09
Dimethylbis[(1- oxoneodecyl)oxy]stannane	68928-76-7	273-028-6	<1	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1A H317 Aquatic Chronic 3 H412	GHS07

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Treat symptomatically.

Skin Contact

Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).

Eye Contact

Treat symptomatically.



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Ingestion Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

6.4 Reference to other sections

See also section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid breathing vapours. Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

See 1.2.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Paste.
	Colour : Various.
Odour	Acetic acid.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	0.97.
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.



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Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.
Can react with strong oxidising agents.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Avoid contact with strong oxidising agents.

10.6 Hazardous decomposition products

Decomposition products can include, but are not limited to:
formaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE – 1000000 Swallowing may result in irritation of the mouth, throat and gastrointestinal tract. May cause nausea and vomiting.
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 2941.18
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : May be fatal if swallowed and enters airways.



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11.2 Other information

Endocrine disrupting properties: List III: Substances considered, by the evaluating National Authority, to have endocrine disrupting properties 556-67-2 (Human health)

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

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

14.5 Environmental hazards

Not classified as a Marine Pollutant.



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14.6 Special precautions for user

Not known

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of octamethylcyclotetrasiloxane (556-67-2)
Substances of Very High Concern
for Authorisation

UK REACH Authorisation List Not listed
(Annex XIV) list of substances
subject to authorisation

UK REACH Restrictions List Carcinogens: category 1B (64742-46-7),
(Annex XVII) Restrictions on the octamethylcyclotetrasiloxane (556-67-2), Distillates (petroleum),
manufacture, placing on the hydrotreated lightKerosine - unspecified[A complex combination
market and use of certain of hydrocarbons obtained by treating a petroleum fraction with
dangerous substances, mixtures hydrogen in the presence of a catalyst. It consists of hydrocarbons
and articles having carbon numbers predominantly in the range of C9 through
C16 and boiling in the range of approximately 150 °C to 290 °C
(302 °F to 554 °F).] (64742-47-8), 4,5-dichloro-2-octyl- 2H-
isothiazol-3-one; [DCOIT] (64359-81-5), Dimethylbis[(1-
oxoneodecyl)oxy]stannane (68928-76-7)

UK REACH Rolling Action Plan Not listed
(RAP)

The Persistent Organic Pollutants Not listed
Regulations 2007 (SI 2007/3106)
as amended

The Ozone-Depleting Substances Not listed
and Fluorinated Greenhouse
Gases (Amendment etc.) (EU
Exit) Regulations 2019 (SI
2019/583)

The Prior Informed Consent (PIC) Not listed
Regulations concerning the
export and import of hazardous
chemicals SI2008/2108 as
amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan Not listed
(CoRAP)

15.2 Chemical Safety Assessment

United Kingdom A REACH chemical safety assessment has not been carried out.



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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS07

GHS05: GHS: Corrosion
GHS09: GHS: Environment

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4
Asp. Tox. 1 : Aspiration hazard, Category 1
Skin Corr. 1 : Skin corrosion/irritation, Category 1
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1A : Skin sensitization, Category 1A
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Acute Tox. 2 : Acute toxicity, Category 2
Repr. 2 : Reproductive toxicity, Category 2
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H330: Fatal if inhaled.
H361f: Suspected of damaging fertility.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.



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P301+P310+P331: IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of water.

P321: Specific treatment (see Medical Advice on this label).

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

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Key literature references and sources for data used to compile the SDS

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

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