

Safety Data Sheet

In accordance with Regulation (EC) No. 1907/2006 (REACH)
and Regulation (EU) No 2015/830

Mulcol® Multicollar *Slim*

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

1.1 Product identifier

Trade name Mulcol® Multicollar *Slim*
Universal Fire Collar

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

General use Fire protection means. Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Company name Mulcol International
Arnesteinweg 18
4338 PD Middelburg
The Netherlands
Telephone +31 (0)118-726140
E-mail info@mulcol.com
Website www.mulcol.com

1.4. Alarmnummer

In case of emergency contact toxicological information, emergency tel 112.

For non-emergency poison information, see http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statement Not applicable
Precautionary statements Not applicable

2.3 Other hazards

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Results of PBT and vPvB assessment

No data available.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical characterisation

Reaction product of polyether polyol and isocyanates with additives.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

In case of inhalation	Move victim to fresh air; if necessary, provide artificial respiration or oxygen. In the event of discomfort seek medical treatment.
Following skin contact	Change contaminated clothing. After contact with skin, wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.
After eye contact	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
After swallowing	Rinse mouth. Do not induce vomiting. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Water fog, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons

High power water jet

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

5.3 Advice for firefighters**Special protective equipment for firefighters**

Wear self-contained breathing apparatus and protective clothing to protect skin and eyes.

Additional information

Hazchem-Code: -

Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust.

For mechanical processing: Wear appropriate protective equipment.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling****Advices on safe handling**

Provide adequate ventilation, and local exhaust as needed.

Avoid generation of dust. Do not breathe dust.

For mechanical processing: Wear appropriate protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Store in a cool dry place. Protect from humidity.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

Observe instructions for use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values

Type	Limit value
Great Britain: WEL-TWA	10 mg/m ³ Dust limit value inhalable fraction
Great Britain: WEL-TWA	4 mg/m ³ Dust limit value respirable fraction
Ireland: 8 hours	10 mg/m ³ Dust limit value inhalable fraction
Ireland: 8 hours	4 mg/m ³ Dust limit value respirable fraction

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection

With the formation of dust, use a dust mask.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection

Protective gloves according to EN 374.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Tightly sealed goggles according to EN 166.

Body protection

Wear suitable protective clothing.

General protection and hygiene measures:

Avoid generation of dust. Do not breathe dust. When using do not eat, drink or smoke. Wash hands before breaks and after work.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Physical state at 20 °C and 101.3 kPa: solid Form: Flexible foam, elastic
Odour	No data available
Odour threshold	No data available
pH value	Not applicable
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point/flash point range	Not applicable
Evaporation rate	No data available
Flammability	No data available
Explosion limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	900 - 1350 kg/m ³
Solubility	No data available

Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing characteristics	None

9.2 Other information

Additional information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Refer to 10.3.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Protect from humidity.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

May form dangerous gases and vapours in case of fire.

Thermal decomposition

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological effects

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix calculated: >2000 mg/kg

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

ATEmix calculated: >2000 mg/kg

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

ATEmix Dusts/mist calculated: >5 mg/L/4h

Skin corrosion/irritation: Lack of data.

Eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Symptoms

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Further details

No data available.

12.2. Persistence and degradability

Further details

No data available.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

General information

Do not allow to enter into ground-water, surface water or drains.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Waste key number

08 04 10 = waste adhesives and sealants other than those mentioned in 08 04 09.

Recommendation

Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation

Dispose of waste according to applicable legislation.

Handle contaminated packages in the same way as the substance itself.

Non-contaminated packages may be recycled.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID, IMDG, IATA-DGR:

Not applicable.

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted.

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

Not applicable.

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

Not applicable.

14.5 Environmental hazards

Marine pollutant

No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

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

No data available.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations - Great Britain**

Hazchem-Code: -

No data available.

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: OTHER INFORMATION**Further information**

Date of first version : 01-2017

Earlier versions : not applicable

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Notice to reader

The information contained in this safety data sheet is based on the present state of knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only.

It should not be construed as any guarantee of the technical performance or suitability for particular applications.