

VELCRO® brand ONE-WRAP® Reusable Hook & Loop Fastener—Data Sheet

Product Information

VELCRO® brand ONE-WRAP®

Reusable and flexible, Velcro ONE-WRAP® self gripping fasteners are a unique back-to-back fastening system.

The VELCRO® brand ONE-WRAP® straps wrap around objects to be bundled or controlled, and then the remaining strap tip attached back onto itself for a neat and secure closure without buckles or hardware.



1. Composition /Data on components

- Plastic tape : Polypropylene with black colorant
- Dye Stuff : Pigment
- Textile Tape : Velour Polyamide 6.6
- Dye Stuff : Acid
- Binder Coating : Acrylic Resin

2. Hazards Identification

- Emergency overview : Not classified as dangerous
- Eye : dust partials may irritate eyes
- Skin : Molten Material may damage skin
- Fumes can cause irritation
- Ingestion : is not expected to occur in deliver shape if swallowed may physically irritate

3 . First aid measures

- Eye contact : flush eye with plenty of water for at least 15 mins, call a physician if it is necessary
- Skin contact : the compound is not likely to be hazardous, but cleansing the skin after use is advisable. If molten material contacts skin, flush with cool water until skin and material temp in ambient. Do not remove material without consulting with plant first aid representative or physician.
- Inhalation : if breathing is difficult, remove to fresh air and call a physician
- Ingestion : no specific intervention is indicated as compound is not likely to be hazardous. However if symptoms of gastrointestinal irritation occur consult a physician.

4. Fire Fighting measures

Suitable extinguishing agents : carbon dioxide, foam, water fog, chemical powder

Special hazards caused by the material, its products of combustions or flue gases

In case of fire it can release;

- Water
- Carbon dioxide
- Lacking oxygen
- Carbon monoxide

The products of the burning are dangerous

Protective equipment

Because fire may products toxic thermal decomposition products , wear a self—contain breathing apparatus with a full face piece operated in pressure demanding or positive pressure

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5. Accidental release measures

Spill /leak procedures : shut off source, advice authorities of possible floating material . Substance is non toxic.

Clean up : Place waste in box or other container suitable for recycle or disposal

6. Handling and storage

No special measure required as per delivered former (tape)

7 Exposure controls and personal protection

Observe the usual precaution when handling products

8. Physical and chemical properties

- Physical form : solid tape
- Appearance : tape form
- Odour : none
- Melting point : 140—163 °C
- Ignition temperature : >400 °C
- Decomposition temperature : >300 °C
- Boiling point : not applicable
- Danger of explosion : not applicable
- Density at 20°C : 0.89—0.91 g/cm³
- Water solubility : insoluble

9. Stability and reactivity

Stability—stable at room temp under normal storage and handling conditions

Thermal decomposition : stable under normal condition . Breaks down above 300 °C

Hazardous decomposition products : Not Know

10. Toxicological information

Acute toxicity : LD50>5000 mg/kg (rat) not information available

Primary irritant effect : non-irritant