

Safe Use Instructions Sheet

Printing date: 22/07/2020

Version number 1

Revision: 01/05/2020

SECTION 1: Identification of the article and of the company/undertaking

1.1 Product identifier

Trade name Weberdry Waterstop**Safe Use Instructions Sheet no:** CL006

1.2 Relevant identified uses of the article and uses advised against

No further relevant information available

Application of the article: Water proofing

1.3 Details of the supplier of the safe use instructions sheet

Manufacturer/Supplier:

SODAMCO S.A.L

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SODAMCO Muscat L.L.C.

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)
Salahuddin Al Ayoubi Street, Facing Military Airbase Al Bayt 52 Complex, Building 5 Office 1- P.O.

1.4 Emergency telephone number:

Tel:

UAE:+971 2 550 9994

Lebanon:+9619790920

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Riyadh:+966114738751

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Jordan: +96264200417

Kuwait:+96525716404

Muscat:+96824218361

Hours of operation: From 8 am to 6 pm

Monday to Friday in Lebanon

Sunday to Thursday in other countries

SECTION 2: Hazards identification

2.1 Classification of the article

The product is not hazardous

Compounded PVC is an inert material in its normal usage.

Composition:

PVC resin - 30 to 50 %

Fillers - 0 to 45 %

Heat stabilizer - 0 to 5 %

Plasticizer - 0 to 35 %

Colours - 0 to 2 %

Proprietary Additives - 0 to 2 %

POTENTIAL HEALTH EFFECTS

Primary Routes of Exposure: Inhalation of processing emissions during periods of elevated temperature.

Eye: Vapors emitted during processing involving elevated temperatures may cause eye irritation. Dust resulting from the handling of powder may be irritating to the eyes.

Skin Contact : Vapors emitted during processing involving elevated temperatures may cause skin irritation. Dust resulting from the handling of powder may be irritating to the skin.

Skin Absorption: This material is initially a dry solid pellet; no absorption is likely to occur in its initial form. Vapors emitted during processing involving elevated temperatures may absorb through the skin at low levels.

Ingestion: Slightly toxic by ingestion. Dust may become airborne during handling, resulting in the potential for incidental ingestion. Vapors emitted during processing involving elevated temperature may be ingested at low levels. Adequate ventilation should be provided.

Inhalation: Dust may become airborne during handling, resulting in potential inhalation exposure. Vapors emitted during processing involving elevated temperatures may be inhaled if not adequately ventilated.

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Printing date: 22/07/2020

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HAZARD CLASSIFICATION

Acute Effects:

Dust associated with the handling of PVC powder as well as vapors liberated from PVC compound at high temperatures may be irritating to the eyes, skin and respiratory tract if not adequately ventilated.

Chronic Effects:

Chronic exposure to vapors from heated or thermally decomposed plastics may cause an asthma-like syndrome due to the inhalation of processing vapors or fumes. The onset of irritation may be delayed for several hours. Vapors may accumulate within the facility during normal operating procedures that involve elevated temperatures. Exposure to these elevated concentrations, if not adequately ventilated, may have significant health effects.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation : Substances

Not applicable

3.2 Chemical characterisation : Mixtures / articles

PRECAUTIONARY INFORMATION

Caution : If proper procedures for processing PVC compounds are not followed, processing vapors can be liberated at elevated temperatures. The presence of these vapors may result in exposure. Additionally, the composition of these vapors may vary widely according to the individual processing procedures and materials used. Processors must determine for themselves the appropriate equipment and procedures for their use.

Dangerous components :

SVHC Void

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:

Remove to fresh air. Obtain medical attention immediately if irritation persists.

Skin Contact:

Flush with water to remove material from skin. Obtain medical attention if irritation persists.

Eye Contact:

Flush with large amounts of water for 15 minutes. Obtain medical attention if irritation persists.

Ingestion:

No effect expected. If large amounts are ingested, seek medical attention. Only induce vomiting at the instructions of a physician.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

Carbon dioxide or water.

5.2 Special hazards arising from the article

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Wear full bunker gear including a positive pressure self-contained breathing apparatus in any closed space.

Safe Use Instructions Sheet

Printing date: 22/07/2020

Version number 1

Revision: 01/05/2020

Trade name Weberdry Waterstop

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove unnecessary personnel from the release area.

6.2 Environmental precautions :

Contain material to prevent contamination of the soil, surface water or ground water

6.3 Methods and material for containment and cleaning up:

Sweep or vacuum material and place in a disposal container

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use the proper personal protective equipment during handling. Minimize dust generation and accumulation. Use good housekeeping practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage Store in a cool, dry, protected area away from heat, sparks, and flame.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Respiratory Protection

For most conditions, no respiratory protection should be needed. However, if dust is produced during handling, a NIOSH approved air purifying filter respirator that meets the requirements of 29 CFR 1910.134 should be used. Full-face self-contained breathing apparatus may be needed when dealing with vapors from combustion of product. Respirators must be selected based on the airborne levels found in the workplace and must not exceed the working limits of the respirator.

Eye Protection

Safety Glasses/Chemical goggles

Skin Protection

Skin protection meeting the requirements of 29 CFR 1910.132 may be needed. Under normal conditions, work clothing should be sufficient. Wash skin if contacted by PVC powder or pellets. Wash contaminated clothing before reusing. Gloves for thermal protection may be necessary when handling hot or molten compound.

Ventilation

May be necessary to provide general and/or local ventilation to help maintain airborne concentrations below exposure guidelines. Local exhaust ventilation should comply with OSHA regulations and the American Conference of Industrial Hygienists, Industrial Ventilation - A Manual of Recommended Practice.

Exposure Guidelines

No exposure limits have been established for this material. It is recommended that exposure be kept below the limits for Nuisance Dust (PNOC): OSHA-PEL: 15 mg/M3 8 hr-TWA (total dust) ACGIH-TLV: 10 mg/M3 8 hr-TWA (inhalable) 5 mg/M3 8 hr-TWA (respirable) 3 mg/M3 8 hr-TWA (respirable).

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Additional hazardous constituents may be released during processing involving elevated temperatures. These constituents are dependent on processing conditions and should be verified by processor. Under normal processing conditions, no occupational exposures to vinyl chloride monomer exceeding the established exposure limits for this material are anticipated. The OSHA-PEL for vinyl chloride is 1 ppm over an 8-hr TWA. The OSHA-STEL for vinyl chloride is 5 ppm for any 15-minute period.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Appearance:

- a) Form: Solid
- b) Colour: Varies
- c) Odour: No distinct odor
- d) Specific gravity (water=1): 1.52-1.56
- e) Melting point/freezing point: Varies
- f) Vapour pressure : Not applicable
- g) Vapour density : Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity xx.

10.2 Chemical stability Stable

Thermal decomposition / Conditions to be avoided:

Overheating may cause thermal degradation of PVC compound. Fumes and vapors (including CO, CO₂, and HCl) maybe generated during this thermal degradation. Emissions are also possible during normal operating conditions, and may accumulate within an inadequately ventilated facility.

Incompatible Materials

Do not allow this product to come in contact with acetal or acetal copolymers within the extruder or molding machine. At processing conditions, the two materials are mutually destructive and involve rapid degradation of the products. Equipment should be purged with acrylic, ABS, polystyrene or other purge compound to avoid even trace amounts of this product and acetals from coming in contact with each other..

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Animal Toxicity

Rodents exposed to PVC by dietary or inhalation routes for 6 to 24 months have shown no significant toxicological effects. While PVC is generally considered an inert polymer, exposure to PVC dust has been reported to cause lung changes in animals and humans, including decreased respiratory capacity and inflammation. However, exposures approaching the nuisance dust exposure limits are not anticipated to pose a significant health risk.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No data available

12.2 Persistence and degradability Not subject to biodegradation

12.3 Bioaccumulative potential No further relevant information available.

Behaviour in environmental systems:

Safe Use Instructions Sheet

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Version number 1

Revision: 01/05/2020

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12.4 Mobility in soil No further relevant information available.

Ecotoxicity

Based on the high molecular weight of this polymeric material, transport of this compound across biological membranes is unlikely. Accordingly, the probability of environmental toxicity or bioaccumulation in organisms is remote. Due caution should be exercised to prevent the accidental release of this material to the environment.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of in accordance with regulations and procedures in force in country of use or disposal.

Dispose of in accordance with relevant local regulations

Waste Management Information:

Do not dump into any sewers, on the ground, or into any body of water. Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Waste characterization and compliance with applicable laws are the responsibility of the waste generator.

SECTION 14: Transport information

No dangerous good in sense of transport regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the article

OSHA 29 CFR 1910.1017

This compound may contain trace levels (<0.001%) of VCM. Under normal working conditions with adequate ventilation, neither the OSHA-PEL of 1 ppm (8-hr TWA), nor the OSHA-STEL (5.0 ppm) should be exceeded. The workplace should be monitored and if the level exceeds any of the PELs or action levels refer to 29 CFR 1910.1017

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is intended to assist the user in his evaluation of the products hazards, and safety precautions to be taken in its use. The data in this MSDS relate only to the specific material designated herein. We do not assume liability for the use of or reliance on this information, nor do we guarantee its accuracy or completeness.

Department issuing SDS: R&D Department of Weber-Middle East

Contact:

Product Safety

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Abbreviations and acronyms:

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative