

AIR MAX® REFILL BAG

PRACTICAL REFILL BAG FOR AIR MAX® MOISTURE ABSORBER.



1494688 - AIR MAX VOCHTVRETER® REFILL BAG ODOURLESS 1 KG NL/FR

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Safety Data Sheet acc. to OSHA HCS

Printing date 12/05/2013

Reviewed on 12/05/2013

1 Identification

- . **Product identifier**
- . **Trade name:** Air Max® Refill Bag
- . **CAS Number:**
10043-52-4
- . **EC number:**
233-140-8
- . **Index number:**
017-013-00-2
- . **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- . **Application of the substance / the mixture** Anti-moisture agent
- . **Details of the supplier of the safety data sheet**
- . **Manufacturer/Supplier:**
Bison International
Dr.A.F.Philipsstraat 9
NL-4462 EW Goes
PO Box 160
NL-4460 AD Goes
tel. +31 88 3235700
fax. +31 88 3235800
e mail: msds@boltonadhesives.com
- . **Information department:** Bison QESH
- . **Emergency telephone number:** +31 88 3235700

2 Hazard(s) identification

- . **Classification of the substance or mixture**



GHS07

H319 Causes serious eye irritation.

-
- . **Label elements**
 - . **GHS label elements**
The substance is classified and labeled according to the Globally Harmonized System (GHS).
 - . **Hazard pictograms** GHS07
 - . **Signal word** Warning
 - . **Hazard statements**
H319 Causes serious eye irritation.
 - . **Precautionary statements**
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

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- . **Classification system:**
- . **NFPA ratings (scale 0-4)**



Health = 1
Fire = 1
Reactivity = 0

- . **Other hazards**
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.

* 3 Composition/information on ingredients

- . **Chemical characterization: Substances**
- . **CAS No. Description**
10043-52-4 calcium chloride
- . **Identification number(s)**
- . **EC number:** 233-140-8
- . **Index number:** 017-013-00-2
- . **Dangerous components:**
10043-52-4 calcium chloride 50-100%

* 4 First-aid measures

- . **Description of first aid measures**
- . **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- . **After skin contact:** Generally the product does not irritate the skin.
- . **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- . **After swallowing:** Do not induce vomiting; immediately call for medical help.
- . **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- . **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- . **Extinguishing media**
- . **Suitable extinguishing agents:**
Use fire fighting measures that suit the environment.
- . **Special hazards arising from the substance or mixture**
No further relevant information available.
- . **Advice for firefighters**
- . **Protective equipment:** No special measures required.

* 6 Accidental release measures

- . **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- . **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- . **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
- . **Reference to other sections**
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- . **Precautions for safe handling** Prevent formation of dust.
- . **Information about protection against explosions and fires:**
No special measures required.
- . **Conditions for safe storage, including any incompatibilities**
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:** No special requirements.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** Keep receptacle tightly sealed.
- . **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- . **Additional information about design of technical systems:**
No further data; see item 7.
- . **Control parameters**
- . **Components with limit values that require monitoring at the workplace:**
Not required.
- . **Additional information:**
The lists that were valid during the creation were used as basis.
- . **Exposure controls**
- . **Personal protective equipment:**
- . **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- . **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- . **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

. **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

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- . **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- . **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
PVC or PE gloves
- . **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- . **Information on basic physical and chemical properties**
- . **General Information**
- . **Appearance:**
 - Form: Solid
 - Color: Not determined.
- . **Odor:** Characteristic
- . **Odour threshold:** Not determined.
- . **pH-value:** Not applicable.
- . **Change in condition**
 - Melting point/Melting range: Undetermined.
 - Boiling point/Boiling range: 100 °C (212 °F)
- . **Flash point:** > 100 °C (> 212 °F)
- . **Flammability (solid, gaseous):** Product is not flammable.
- . **Ignition temperature:**
 - Decomposition temperature: Not determined.
- . **Auto igniting:** Not determined.
- . **Danger of explosion:** Product does not present an explosion hazard.
- . **Explosion limits:**
 - Lower: Not determined.
 - Upper: Not determined.
- . **Vapor pressure at 20 °C (68 °F):** 23 hPa (17 mm Hg)
- . **Density at 20 °C (68 °F):** 1.897 g/cm³ (15.83 lbs/gal)
- . **Relative density** Not determined.
- . **Vapour density** Not applicable.
- . **Evaporation rate** Not applicable.
- . **Solubility in / Miscibility with Water:** Soluble.
- . **Partition coefficient (n-octanol/water):** Not determined.
- . **Viscosity:**
 - Dynamic: Not applicable.
 - Kinematic: Not applicable.
 - Organic solvents: 0.0 %

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Water: 22.0 %

Solids content: 78.0 %

Other information No further relevant information available.

* 10 Stability and reactivity

- . **Reactivity**
- . **Chemical stability**
- . **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- . **Possibility of hazardous reactions** No dangerous reactions known.
- . **Conditions to avoid** No further relevant information available.
- . **Incompatible materials:** No further relevant information available.
- . **Hazardous decomposition products:** Danger of toxic pyrolysis products.

* 11 Toxicological information

- . **Information on toxicological effects**
- . **Acute toxicity:**
- . **Primary irritant effect:**
- . **on the skin:** No irritant effect.
- . **on the eye:** Irritating effect.
- . **Sensitization:** No sensitizing effects known.
- . **Additional toxicological information:**
- . **Carcinogenic categories**
- . **IARC (International Agency for Research on Cancer)**
Substance is not listed.
- . **NTP (National Toxicology Program)**
Substance is not listed.

12 Ecological information

- . **Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **Persistence and degradability** No further relevant information available.
- . **Bioaccumulative potential** No further relevant information available.
- . **Mobility in soil** No further relevant information available.
- . **Additional ecological information:**
- . **General notes:**
Water hazard class 1 (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **Other adverse effects** No further relevant information available.

13 Disposal considerations

- . **Waste treatment methods**
- . **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- . **Uncleaned packagings:**
- . **Recommendation:**
Disposal must be made according to official regulations.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
- . **Recommended cleansing agent:** Water, if necessary with cleansing agents.

* 14 Transport information

- . **UN-Number**
 - . **DOT, ADR, ADN, IMDG, IATA** Void
 - . **UN proper shipping name**
 - . **DOT, ADR, ADN, IMDG, IATA** Void
 - . **Transport hazard class(es)**
 - . **DOT, ADR, ADN, IMDG, IATA**
 - . **Class** Void
 - . **Packing group**
 - . **DOT, ADR, IMDG, IATA** Void
 - . **Environmental hazards:**
 - . **Marine pollutant:** No
 - . **Special precautions for user** Not applicable.
 - . **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
 - . **Transport/Additional information:**
-
- . **IMDG**
 - . **Remarks:** Under certain conditions substances in Class 3 (flammable liquids) can be classified in packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2
 - . **UN "Model Regulation":** -

* 15 Regulatory information

- . **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- . **SARA Section 355 (extremely hazardous substances)**
Substance is not listed.
- . **SARA Section 313 (specific toxic chemical listings)**
Substance is not listed.
- . **TSCA (Toxic Substances Control Act)**
Substance is listed.
- . **Prop 65 - Chemicals known to cause cancer**
Substance is not listed.
- . **Carcinogenity categories**
- . **EPA (Environmental Protection Agency)**
Substance is not listed.
- . **TLV (Threshold Limit Value established by ACGIH)**
Substance is not listed.
- . **MAK (German Maximum Workplace Concentration)**
Substance is not listed.

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- . **NIOSH-Ca (National Institute for Occupational Safety and Health)**
Substance is not listed.
- . **OSHA-Ca (Occupational Safety & Health Administration)**
Substance is not listed.
- . **GHS label elements**
The substance is classified and labeled according to the Globally Harmonized System (GHS).
- . **Hazard pictograms** GHS07
- . **Signal word** Warning
- . **Hazard statements**
H319 Causes serious eye irritation.
- . **Precautionary statements**
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
- . **National regulations:**
- . **Water hazard class:**
Water hazard class 1 (Assessment by list): slightly hazardous for water.
- . **Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

* **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.

- . **Department issuing MSDS:** QESH Department
- . **Contact:** Reach coördinator
- . *** Data compared to the previous version altered.**

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