

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Chemical type : Mixture
Trade name : Henko All Weather B-Component
Product code : 7236

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Industrial use, Professional use
Industrial/Professional use spec. : Non-dispersive use
wide dispersive use
Use of the substance/preparation : adhesive
Function or use category : Adhesives, binding agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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Graafschap Hornelaan 184
6004 HT Weert - Netherlands
T +31 495 633010 - F +31 495 586735
info@henko-at.nl – www.henko-at.nl

1.4. Emergency telephone number

Emergency number : +31 495 633010

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acute toxicity, Inhalative, Category 4 (H332)
Skin irritation, Category 2 (H315)
Eye irritation, Category 2 (H319)
Sensitization of the respiratory airways, Category 1 (H334)
Sensitization of the skin, Category 1 (H317)
Carcinogenicity, Category 2 (H351)
Specific target organ toxicity (single exposure), Category 3 (H335)
Specific target organ toxicity (repeated exposure), Category 2 (H373)

2.2. Label elements



Danger

Hazardous components which must be listed on the label

diphenylmethane-diisocyanate, isomers and homologues
Index-No.: 615-005-00-9

Hazard statements: H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P201 Obtain special instructions before use.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P284 Wear respiratory protection.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable

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for breathing. Call a POISON CENTER/doctor if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

2.3. Other hazards

Persons who suffer from hypersensitivity of the respiratory tract (e.g. asthmatics and chronic bronchitis sufferers) should avoid handling this product. Symptoms affecting the respiratory tract can also occur several hours after overexposure. Dust, vapors and aerosols are the primary risk to the respiratory tract.

SECTION 3: Composition/information on ingredients

3.1. Substances

diphenylmethane-diisocyanate, isomers and homologues

Hazardous components diphenylmethane-diisocyanate, isomers and homologues Concentration [wt.-%]: ca. 100 Index-No.: 615-005-00-9 CAS-No.: 9016-87-9 Classification (1272/2008/CE): Acute Tox. 4 Inhalative H332 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Resp. Sens. 1 H334 Skin Sens. 1 H317 Carc. 2 H351 STOT SE 3 H335 STOT RE 2 Inhalative H373

Specific threshold concentration:

Eye Irrit. 2	H319	>= 5 %
Skin Irrit. 2	H315	>= 5 %
Resp. Sens. 1	H334	>= 0,1 %
STOT SE 3	H335	>= 5 %

The product is a REACH-polymer: no registration number, no exposure scenarios.

Candidate List of Substances of Very High Concern for Authorisation

This product contains no substances of very high concern in concentrations where an information obligation applies (REACH Regulation (EC) No. 1907/2006, Article 57).

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulties persist : Call a physician immediately.
First-aid measures after skin contact	: Wash off immediately with soap and plenty of water. Do not apply (chemical) neutralizing agents. If necessary seek medical advice.
First-aid measures after eye contact	: Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Consult an eye specialist.
First-aid measures after ingestion	: Rinse mouth out with water. If swallowed, do NOT induce vomiting. Immediately consult a doctor/medical service.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Polyvalent foam. carbon dioxide (CO2), powder, hazy water.

5.2. Special hazards arising from the substance or mixture

Fire hazard : On heating/burning: release of carbon monoxide - carbon dioxide. Nitrous fumes. Decomposes on exposure to temperature rise: formation of small quantities of hydrogen cyanide. Reacts violently with hot water: pressure rise and possible bursting of container.

5.3. Advice for firefighters

Protection during firefighting	: Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. Protective clothing.
Other information	: Continue water spray from protected position until container stays cool. Do not move the load if exposed to heat. Dilute toxic gases with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Wash contaminated clothes. Acetone.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Strict hygiene required.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Ventilation along the floor. Keep only in the original container in a cool, well-ventilated place. Recommended storage and transport temperature: Between 10°C and 30°C. Protect from moisture, heat and foreign material.

Maximum storage period : 365 days

Storage area : Store away from heat. Store in tightly closed original containers.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Concentration measurement in air. Well-ventilated area.

Hand protection : polyethylene or polypropylene gloves in combination with fabric under-gloves.

Eye protection : Face shield.

Skin and body protection : Protective equipment.

Respiratory protection : Wear appropriate breathing apparatus if air renewal not sufficient to maintain dust/vapour under TLV.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : liquid / paste.

Colour : No data available

Odour : No data available

Odour threshold : No data available

pH : No data available

Melting point : No data available

Solidification point : No data available

Boiling point : No data available

Flash point : No data available

Relat. evapor. rate comp. to butylacetate : No data available

Flammability (solid, gas) : No data available

Explosive limits : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : No data available

Log Pow : No data available

Self ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Harmful by inhalation.
Irritation	: Irritating to eyes, respiratory system and skin.
Corrosivity	: Not classified
Sensitisation	: May cause sensitization by inhalation and skin contact.
Repeated dose toxicity	: Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Carcinogenicity	: Limited evidence of a carcinogenic effect.
Mutagenicity	: Not classified
Reproductive toxicity	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

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 substance or mixture

15.1.1. EU-Regulations

No ingredients included in the REACH Candidate list

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

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SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2	Serious Eye Damage/Irritation Category 2
Resp. Sens. 1	Respiratory sensitization Category 1
Skin Irrit. 2	skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36/38	Irritating to eyes and skin.
R40	Limited evidence of a carcinogenic effect
R42/43	May cause sensitization by inhalation and skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.