# SAFETY DATA SHEET

#### DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

Safety Data Sheet according to GB/T 16483-2008 and GB/T 17519-2013

### **Section 1. Identification**

Product code : B65V2000

GHS product identifier : DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

**Product use** : Industrial applications, Used by spraying.

Material uses : Paint or paint related material.

#### Details of the supplier of the safety data sheet

THE SHERWIN-WILLIAMS COMPANY 101 W. Prospect Avenue Cleveland, OH 44115

Supplier Telephone number : (216) 566-2902e-mail address of person : MSDS@sherwin.com

responsible for this SDS

Emergency telephone : 400-6267911 (24/7) number (with hours of

operation)

Hours of operation : Emergency contact available 24 hours a day

### Section 2. Hazards identification

Classification of the substance or mixture according to GB 13690-2009 and GB 30000-2013

#### **Emergency overview**

Liquid.

Harmful if inhaled.

Causes serious eye irritation.

Causes skin irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction. May cause respiratory irritation.

IF INHALED: Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention.

See Section 12 for environmental precautions.

Classification of the : ACUTE TOXICITY (inhalation) - Category 4 substance or mixture : SKIN CORROSION/IRRITATION - Category 2

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

**RESPIRATORY SENSITIZATION - Category 1** 

SKIN SENSITIZATION - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract

irritation) - Category 3

#### **GHS label elements**

Date of issue/Date of revision : 2018/01/16. Date of previous issue : No previous validation. Version : 1 1/15

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

### Section 2. Hazards identification

Hazard pictograms





Signal word : Danger

**Hazard statements** : Harmful if inhaled.

Causes serious eye irritation.

Causes skin irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

May cause respiratory irritation.

**Precautionary statements** 

**Prevention**: Wear protective gloves. Wear eye or face protection. Wear respiratory protection.

Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be

allowed out of the workplace.

**Response**: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical

attention.

**Storage** : Store locked up.

Disposal : Dispose of contents and container in accordance with all local, regional, national

and international regulations.

Physical and chemical

hazards

: No known significant effects or critical hazards.

**Health hazards**: Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. May

cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause

an allergic skin reaction. May cause respiratory irritation.

Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following: pain or irritation

watering redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

wheezing and breathing difficulties

asthma

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion**: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Date of issue/Date of revision : 2018/01/16. Date of previous issue : No previous validation. Version : 1 2/15

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

### Section 2. Hazards identification

**Short term exposure** 

Potential immediate

: Not available.

effects

Potential delayed effects: Not available.

Long term exposure

Potential immediate

: Not available.

effects

Potential delayed effects: Not available.

**Environmental hazards** : No known significant effects or critical hazards.

Other hazards which do not result in classification : Please refer to the SDS for additional information.

## Section 3. Composition/information on ingredients

Substance/mixture : Mixture

**Hazardous ingredients** 

Ingredient name	%	CAS number	EC number	Hazard classification
Hexamethylene Diisocyanate Polymer	≥75 - ≤85	28182-81-2	500-060-2	H332, H319, H315, H317, H335
Hexamethylene Diisocyanate Polymer	≥10 - ≤17	28182-81-2	500-060-2	H331, H319, H315, H317, H335
Blocked Polyisocyanate	≤4.2	666723-27-9		H332, H317, H335, H412
Hexamethylene Diisocyanate (max.)	≤0.3	822-06-0	212-485-8	H331, H319, H315, H334, H317, H335
				See Section 16 for the full text of the H statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Section 4. First aid measures

#### **Description of necessary first aid measures**

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

### Section 4. First aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. In the event of any complaints or symptoms, avoid further exposure.

Skin contact

: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation** : Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma

symptoms or breathing difficulties if inhaled.

**Skin contact**: Causes skin irritation. May cause an allergic skin reaction.

**Ingestion**: No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:

pain or irritation

watering redness

**Inhalation**: Adverse symptoms may include the following:

respiratory tract irritation

coughing

wheezing and breathing difficulties

asthma

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion**: No specific data.

#### Indication of immediate medical attention and special treatment needed, if necessary

B65V2000 DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

### Section 4. First aid measures

Notes to physician

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments

: No specific treatment.

Protection of first-aiders

: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

#### Extinguishing media

Suitable extinguishing media

: Recommended: alcohol-resistant foam, carbon dioxide, powders

Unsuitable extinguishing media

: Do not use water jet.

Specific hazards arising from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials: carbon dioxide

carbon monoxide nitrogen oxides

Advice for firefighters

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** 

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and materials for containment and cleaning up

Date of issue/Date of revision Version : 1 : 2018/01/16. Date of previous issue : No previous validation.

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

### Section 6. Accidental release measures

Spill

: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Reference to other sections

See Section 7 of the safety data sheet (technical measures). See Section 8 for information on appropriate personal protective equipment.

## Section 7. Handling and storage

#### Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

#### Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

#### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
	<b>GBZ 2.1 (China, 4/2007).</b> PC-TWA: 0.03 mg/m³ 8 hours.
	TO TIVE COOKING THE CHOCKE.

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

## Section 8. Exposure controls/personal protection

#### **Individual protection measures**

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

**Skin protection** 

: Use safety eyewear designed to protect against splash of liquids.

Hand protection

: Wear suitable gloves tested to EN374.

**Gloves** 

: Short Term Exposure less than 30 minutes Continuous use LDPE gloves, 30 microns or Butyl gloves 0.7mm

Long Term Exposure Spill / For prolonged or repeated handling, use PE / PE Laminate gloves > 8 hours (breakthrough time).

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use. storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

**Body protection** 

- : Personnel should wear antistatic clothing made of natural fibers or of hightemperature-resistant synthetic fibers.
- : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: By spraying: air-fed respirator.

By other operations than spraying, in well ventilated areas, air-fed respirators could be replaced by a combination charcoal filter and particulate filter mask.

## Section 9. Physical and chemical properties

**Appearance** 

**Physical state** : Liquid.

Color : Not available. Odor : Characteristic. : Not available. **Odor threshold** 

Testing not technically possible.

**Melting point** : Not available. **Boiling point** : Not available.

Date of issue/Date of revision : 2018/01/16. Date of previous issue : No previous validation. Version : 1 Classification of the substance or mixture according to GB 13690-2009 and GB 30000-2013

B65V2000 DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

## Section 9. Physical and chemical properties

Closed cup: 193°C (379.4°F) [Pensky-Martens Closed Cup] Flash point

**Evaporation rate** Not available. Lower and upper explosive : Not available.

(flammable) limits

Vapor pressure

: Not relevant/applicable due to nature of the product.

Vapor density : Not available.

Relative density : 1.15

: Not available. Solubility Partition coefficient: n-: Not available.

octanol/water

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**Viscosity** : Kinematic (40°C (104°F)): >0.205 cm<sup>2</sup>/s (>20.5 cSt)

**VOC** content

Aerosol product

Heat of combustion : 0.131 kJ/g

## Section 10. Stability and reactivity

: No specific test data related to reactivity available for this product or its ingredients. Reactivity

Chemical stability : The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

: Avoid high temperature.

Incompatible materials : No specific data.

**Hazardous decomposition** 

products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

# Section 11. Toxicological information

#### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Hexamethylene	LC50 Inhalation Vapor	Rat	18500 mg/m <sup>3</sup>	1 hours
Diisocyanate Polymer				
Hexamethylene	LC50 Inhalation Vapor	Rat	18500 mg/m <sup>3</sup>	1 hours
Diisocyanate Polymer				
hexamethylene-di-	LC50 Inhalation Dusts and	Rat	124 mg/m³	4 hours
isocyanate	mists			

#### Irritation/Corrosion

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

## **Section 11. Toxicological information**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Hexamethylene	Eyes - Moderate irritant	Rabbit	-	100	-
Diisocyanate Polymer				milligrams	
	Skin - Moderate irritant	Rabbit	-	500	-
				milligrams	
Hexamethylene	Eyes - Moderate irritant	Rabbit	-	100	-
Diisocyanate Polymer				milligrams	
	Skin - Moderate irritant	Rabbit	-	500	-
				milligrams	

#### **Sensitization**

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Hexamethylene Diisocyanate Polymer	Category 3	Not applicable.	Respiratory tract irritation
Hexamethylene Diisocyanate Polymer	Category 3	Not applicable.	Respiratory tract irritation
Blocked Polyisocyanate	Category 3	Not applicable.	Respiratory tract irritation
hexamethylene-di-isocyanate	Category 3	Not applicable.	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Not available.

Information on the likely routes of exposure

: Not available.

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

Inhalation : Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma

symptoms or breathing difficulties if inhaled.

**Skin contact**: Causes skin irritation. May cause an allergic skin reaction.

**Ingestion**: No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

#### Classification of the substance or mixture according to GB 13690-2009 and GB 30000-2013

B65V2000 DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

## Section 11. Toxicological information

**Eye contact**: Adverse symptoms may include the following:

pain or irritation

watering redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

wheezing and breathing difficulties

asthma

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion**: No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Long term exposure

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

#### Potential chronic health effects

Not available.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed

to very low levels.

Carcinogenicity: No known significant effects or critical hazards.Mutagenicity: No known significant effects or critical hazards.Teratogenicity: No known significant effects or critical hazards.Developmental effects: No known significant effects or critical hazards.Fertility effects: No known significant effects or critical hazards.

#### **Numerical measures of toxicity**

#### **Acute toxicity estimates**

Route	ATE value
Inhalation (vapors)	10.71 mg/l

# Section 12. Ecological information

#### **Toxicity**

Not available.

#### Persistence/degradability

Not available.

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

## Section 12. Ecological information

#### **Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Hexamethylene Diisocyanate Polymer	-	367.7	low
Hexamethylene Diisocyanate Polymer	-	367.7	low
hexamethylene-di- isocyanate	-	57.63	low

**Mobility in soil** 

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Do not allow to enter drains or watercourses.

## Section 13. Disposal considerations

**Disposal methods** 

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Do not incinerate closed container. Incinerate in a licensed, high-temperature,

hazardous-waste incinerator.

## Section 14. Transport information

	China	ADR	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport Hazard Class(es)/Label(s)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards/Marine pollutant	No.	No.	No.	No.

#### **Additional information**

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

## Section 14. Transport information

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

#### Transport in bulk according to Annex II of MARPOL and the IBC Code

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

## Section 15. Regulatory information

**National inventory** 

: Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): Not determined. Japan inventory (ENCS): Not determined. Japan inventory (ISHL): Not determined.

**Korea inventory**: All components are listed or exempted. Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or

exempted.

**Philippines inventory (PICCS)**: All components are listed or exempted. Taiwan Chemical Substances Inventory (TCSI): All components are listed or

Thailand inventory: Not determined. Turkey inventory: Not determined.

United States inventory (TSCA 8b): All components are listed or exempted.

Vietnam inventory: Not determined. **Europe inventory**: Not determined.

Canada inventory: All components are listed or exempted.

#### **List of Goods banned for Importing**

None of the components are listed.

#### **Inventory of Hazardous Chemicals**

Ingredient name	CAS number		Reference number
Hexamethylene diisocyanate	822-06-0	Listed	1373

#### List of Goods banned for Exporting

None of the components are listed.

#### List of Toxic Chemicals Severely Restricted for Importing & Exporting by China

None of the components are listed.

#### **Inventory of Highly Toxic Chemicals**

None of the components are listed.

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

## Section 15. Regulatory information

#### Catalogue of Hazardous Chemicals of Priority Management

None of the components are listed.

#### Catalogue of Priority Hazardous Chemicals for Environmental Management

None of the components are listed.

### Section 16. Other information

**History** 

Date of printing : 2018/01/16.

Date of issue/Date of : 2018/01/16.

revision

**Date of previous issue** : No previous validation.

Version : 1

**Key to abbreviations** : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships,

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

#### Procedure used to derive the classification

Classification	Justification
ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A RESPIRATORY SENSITIZATION - Category 1 SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3	Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Full text of classifications

[CLP/GHS]

: ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 2

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

**RESPIRATORY SENSITIZATION - Category 1** 

SKIN SENSITIZATION - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract

irritation) - Category 3

Full text of abbreviated H

statements

: H332 - Harmful if inhaled.

H319 - Causes serious eye irritation.

H315 - Causes skin irritation.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 - May cause an allergic skin reaction. H335 - May cause respiratory irritation.

Date of issue/Date of revision : 2018/01/16. Date of previous issue : No previous validation. Version : 1 13/15

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

### Section 16. Other information

**Precautionary statements** 

: P280 - Wear protective gloves. Wear eye or face protection.

P284 - Wear respiratory protection.

P271 - Use only outdoors or in a well-ventilated area.

P261 - Avoid breathing vapor.

P264 - Wash hands thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P304 + P310 + P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or physician.

P302 + P352 + P362+P364 - IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash it before reuse.

P333 + P313 - If skin irritation or rash occurs: Get medical attention.

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 attention.

P405 - Store locked up.

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

✓ Indicates information that has changed from previously issued version.

#### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by Sherwin-Williams, including but not limited to the incorporation of non Sherwin-Williams products or the use or addition of products in proportions not specified by Sherwin-Williams. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

Date of issue/Date of revision

DRY ERASE Waterbased Urethane Isocyanate Hardener (Part B)

# **Section 16. Other information**

Date of issue/Date of revision : 2018/01/16. Date of previous issue : No previous validation. Version : 1 15/15