



Safety Data Sheet according to GB/T 16483-2008

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DORUS SL 3335 1200KG

SDS No. : 411353
V001.1

Revision: 26.09.2011

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1. Identification of the substance/preparation and of the company/undertaking

Product name: DORUS SL 3335 1200KG

Intended use: woodworking adhesive

Company name:

Henkel (China) Investment Co., Ltd.
No.928 Zhangheng Rd.
201203 Pudong, Shanghai, P.R.China

China

Phone: +86-21-2891 8000

Fax-no.: +86-21-2891 5137

Revision date: 26.09.2011

Emergency information: Emergency telephone: +86 532 8388 9090 (24h).

2. Hazards identification

Classification of the substance or mixture according to GB 13690-2009 (General rule for classification and hazard communication of chemicals):

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Route of Exposure</u>	<u>Target Organ(s)</u>
Skin sensitizer	Category 1B	Skin contact	

Label elements according to GB 15258-2009 (General rules for preparation of precautionary label for chemicals):

Pictogram:



Signal word: Warning

Hazard statement: H317 May cause an allergic skin reaction.

Precautionary statement (Prevention):
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement (Response):
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary statement (Storage): No information according to GHS.

Precautionary statement (Disposal): No information according to GHS.

3. Composition / information on ingredients

General description: Aqueous emulsion of:

Declaration of the ingredients according to GB 13690-2009:

Hazard component CAS-No.	Concentration range	GHS Classification
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	< 30 PPM	Acute toxicity 3; Inhalation H331 Acute toxicity 3; Dermal H311 Acute toxicity 3; Oral H301 Skin corrosion 1B H314 Skin sensitizer 1 H317 Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410

Only hazardous ingredients for which a classification according to GB 13690-2009 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

4. First aid measures

Skin contact: Immediately remove soiled or soaked clothing.
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Eye contact: Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Inhalation: Move to fresh air.
Keep warm and in a quiet place.
Administer oxygen or artificial respiration as needed.
Seek medical attention from a specialist.

Ingestion: Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire fighting measures

Hazardous characteristics: Non-combustible.

Hazardous combustion products: carbon monoxide
Carbon dioxide
Irritating vapors.
Toxic chlorides.

Extinguishing media: Foam, extinguishing powder, carbon dioxide.
Fine water spray

Notice and measures for firing fighting: Keep unnecessary personnel away.
Wear full protective clothing.
Wear self-contained breathing apparatus.

6. Accidental release measures

Emergency measures: Danger of slipping on spilled product.
Keep unprotected persons away.
Avoid skin and eye contact.
Wear protective equipment.
See advice in chapter 8

Clean-up methods: Do not empty into drains / surface water / ground water.
Remove with liquid-absorbing material (sand, peat, sawdust).
Dispose of contaminated material as waste according to Chapter 13.

7. Handling and storage

Notice for handling: Ensure good ventilation/suction at the workplace.
Wear suitable protective clothing, safety glasses and gloves.
Avoid skin and eye contact.
Keep out of the reach of children.
When using do not eat, drink or smoke.
See advice in chapter 8

Notice for storage: 6 months
Ensure that storage and workrooms are adequately ventilated.
Keep container tightly sealed.
Store in a cool, dry place.
Keep away from heat and direct sunlight.
Isolate from incompatible substances.
Temperatures between + 5 °C and + 35 °C

8. Exposure controls / personal protection

Hazardous components	GBZ 2.1-2007	ACGIH	NIOSH	OSHA
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	none	none		none

Engineering controls: Ensure good ventilation/extraction.
Handle in accordance with good industrial hygiene and safety practice

Respiratory protection: Suitable breathing mask when there is inadequate ventilation.

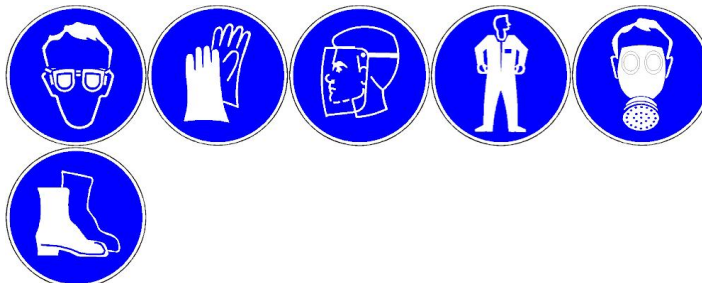
Eye protection: Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.

Body protection: Wear suitable protective clothing.
Protective clothing that covers arms and legs.

Hand protection: Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; >= 0.7 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; >= 0.7 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Other protection: The selection of PPE shall at least compliant with "Law of the People's Republic of China on Prevention and Control of Occupational Diseases" and "Code of practice for selection of personal protective equipments" (GB/T 11651-2008).

Pictograms for recommended
PPE:



9. Physical and chemical properties

Physical state:	liquid	Appearance:	Milky white liquid
pH:	7,5	Melting point:	Not available.
Boiling point:	100 °C (212 °F)	Density:	1,17 g/cm ³
Flash point:	Not available.	Ignition temperature:	Not available.
Solubility:	Disperses in water as emulsion	Viscosity:	8.000 - 10.000 mPa.s

10. Stability and reactivity

Conditions to avoid:	Excessive heat. Store away from incompatible materials.
Incompatible products:	Strong oxidizers, peroxides, acids, alkalis. Amines. alkalis
Decomposition products:	No decomposition if used according to specifications.

11. Toxicological information

General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

Skin irritation:

May cause sensitization by skin contact.

Other remarks:

Not available.

12. Ecological information

General ecological information:

May cause long-term adverse effects in the aquatic environment.

Persistence and degradability:

Ultimate biodegradation:

Not available.

Bioaccumulative potential:

No data available.

Other adverse effects:

Not available.

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	-0,71 - 0,75				20 °C	OECD Guideline 117 (Partition Coefficient (n- octanol / water), HPLC Method)

13. Disposal considerations**Product disposal:**

If the waste is classified as hazardous waste according to GB 5085.7-2007 (Identification standards for hazardous wastes, General Specifications). Dispose of as hazardous waste in compliance with "Regulation on the Safety Management of Hazardous Chemicals", "Law of the People's Republic of China on the prevention and control of Environmental Pollution by Solid Waste", "National Catalogue of Hazardous Waste".
List in National Hazardous Waste Catalogue.
Dispose of as hazardous waste in compliance with local and national regulations.
Do not empty into drains / surface water / ground water.

Disposal of uncleaned packages:

Dispose of as unused product.
Dispose of in accordance with local and national regulations.

14. Transport information**General information:**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

Notice For Transportation:

Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

15. Regulations - classification and identification

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/unloading, classification as well as symbol.

"Law of the People's Republic of China on Work Safety" (Adopted by the 28th meeting of 9th NPC standing committee on 29th June 2002).

"Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases" (Adopted by the 24th meeting of 9th NPC standing committee on 27th October 2001).

"Law of the People's Republic of China on environmental protection" (Adopted by 11st meeting of 7th NPC standing committee on 26th December 1989).

"Regulation on the Safety Management of Hazardous Chemicals" (Adopted by 144th State Council executive meeting on 16th February 2011).

"Regulations on License to Work Safety" (Adopted by 34th State Council executive meeting on 7th January 2004).

China Inventory of Existing Chemicals:

All components are listed or are exempt from Inventory of Existing Chemical Substances in China.

16. Other information**Issue date:**

14.11.2011

Issue department:

Kathlin Jiang, Product Safety & Regulatory Affairs Specialist for Greater China

Disclaimer:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Others:

The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H331 Toxic if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.