PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Hodgson

GLASS CLEANER

Version No.4	Revision Date: 16/09/10	Page 1 of 5

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Trade Name	Glass Cleaner
Use of the substance / preparation	Cleaning solvent
Manufacturer / Supplier	Hodgson Sealants Limited Belprin Road Beverley East Yorkshire, HU17 0LN United Kingdom
Service	Tel: + 44 (0)1482 868321 Fax: + 44 (0)1482 679337 E-mail: SDS@hodgsonsealants.com
Emergency Phone Number (UK Office Hours Only: 9am to 5pm)	Tel: + 44 (0)1482 868321

2. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation	Aqueous solution of alcohol and wetting agents.

Hazardous ingredients

Name	CAS No.	EC No.	Conc. (%w/w)	Classification & R phrases	
Isopropyl Alcohol	67-63-0	200-661-7	1 - 5	Xi, F	R11, 36, 67
2-Butoxyethanol	111-76-2	203-905-0	1 - 5	Xn, Xi	R20/21/22, 36/38

4. FIRST AID MEASURES

Eye contact	Promptly fush eyes with plently of water whilst lifting the eyelids. Continue to rinse for for at least 15 minutes. Seek medical attention immediately.
Skin contact	Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove contaminated clothingand wash as above. Seek medical advice if irritation persists.
Inhalation	Remove to fresh air. Get medical attention.
Ingestion	Do not induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide, foam, dry powder. Water can be used to cool fire exposed containers.
Unsuitable extinguishing media	None known.
Special protective equipment / procedures	A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.
Special exposure hazards arising from the substance or preparation itself, combustion products and resulting gases	Carbon oxides and traces of incompletely burned carbon compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear proper protective equipment. Extinguish all ignition sources. Provide ventilation to confined spaces.
Precautions to protect the environment	Prevent material from entering surface waters, drains and soil.
Methods for cleaning up	Absorb in dry sand or earth and scrape up and place in a container fitted with a lid. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Advice on safe handling	General ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour. Keep away from heat.
Advice on storage	Keep container closed and store away from heat and sources of iginition. In containers suitable for flammable liquids
Unsuitable packaging materials	None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls for hazardous components

Name	CAS No.	Exposure Limits
Isopropyl Alcohol	67-63-0	WEL Long Term – 999mg/m^3 (400ppm) WEL Short Term – 1250mg/m^3 (500ppm)
2-Butoxyethanol	111-76-2	WEL Long Term (25ppm) WEL Short Term (50ppm)

Personal protective equipment

Respiratory protection	Suitable respiratory protection should be worn if used in confined spaces.
Hand protection	Nitrile runner protective gloves should be worn. For gloves breakthrough time, contact the chemical protective glove supplier.
Eye protection	Safety glasses with side shields should be worn.
Skin protection	Protective equipment is not normally necessary.
Hygiene measures	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
Environmental exposure controls	Refer to section 6 & 12

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid.
Colour	Blue.
Specific Gravity	~1g/cm³
Flash Point	>62°C

The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY

General information	Stable at room temperature.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Alkalis and peroxides.
Hazardous decomposition	During combustion carbon monoxide and carbon dioxide will be generated.

11. TOXICOLOGICAL INFORMATION

On contact with eyes	Irritation to eyes and mucous membranes.
On skin contact	Skin contact may defat and dry skin leading to possible irritation and dermatitis.
On inhalation	Irritation to the respiratory system.
On ingestion	Headache, dizziness, narcosis, unconsciousness.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	Not classified as dangerous for the environment.
Environmental fate and distribution	This product is easily biodegradable.
Fate and effects in waste water treatment plants	Bioaccumulation potential very low
Persistence and degradability	This product is easily biodegradable.

13. DISPOSAL CONSIDERATIONS

Product disposal	Dispose of in accordance with local regulations. Do not empty product into drains. According to the European catalogue, waste codes are not product specific, but application specific. The user should assign waste codes, preferably in discussion with the waste disposal authorities.
Packaging disposal	Dispose of in accordance with local regulations. Do not empty product into drains. The user should assign waste codes, preferably in discussion with the waste disposal authorities.

14. TRANSPORT INFORMATION

Road / Rail (ADR/RID)	Not subject to ADR/RID.
Sea transport (IMDG)	Not subject to IMDG code.
Air transport (ICAO)	Not subject to ICAO regulations.

15. REGULATORY INFORMATION

Labelling according to EEC directive	
Nature of hazard	No specific regulatory or labelling requirements.
Hazard symbols	No specific regulatory or labelling requirements.
R-phrases	No specific regulatory or labelling requirements.
S-phrases	No specific regulatory or labelling requirements.

16. OTHER INFORMATION

This Product Safety Data Sheet was prepared in compliance with article 31 and Annex II of the EU REACH regulation as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

This product should only be used as stated in Hodgson literature. It is the responsibility of the persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose of or in any way come in to contact with the

product. If the recipient subsequently produces a formulation containing the Hodgson product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Hodgson Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH regulation.

All information and instructions provided in the Product Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on the present Product Safety Data Sheet. Hodgson shall not be held responsible for any defect in the product covered by this Product Safety Data Sheet, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.