

MULTITEK™ PUMP STORE

Final Flush & Storage Fluid for PU Dispense Equipment

Product Description

Special purpose, non-flammable, phthalate free, ASE (alkylsulphonicphenylester) storage fluid for polyurethane/polyurea dispense equipment. MULTITEK™ PUMP STORE has excellent solubility and compatibility with most polyurethane and polyurea machinery and provides protection to equipment components.

Product Uses

MULTITEK™ PUMP STORE is suitable as an effective fluid for storing fully flushed and cleaned polyurethane dispense and spray equipment. It should only be used after machine flushing using MULTITEK™ PUMP STORE prior to placing equipment into storage between application projects.

It provides lubrication and protection to dispense equipment internals, hoses, seals, and impingement mix spray guns dispense heads etc. and also offers corrosion protection to metals in wellsealed dispense equipment systems.

Features

MULTITEK™ PUMP STORE is a non-toxic, non-hazardous solvent flushing material containing no harmful phthalate based compounds. It is designed as a safe effective replacement for traditional flushing fluids such as DOP and other phthalate plasticisers

- Simple, effective use for equipment flushing
- Quality equipment storage fluid
- Will not damage O-rings, seals or seats
- Offers mild lubrication to pump components
- Non-hazardous and non-dangerous goods
- Non-flammable
- Non-corrosive toward most metals

Application Guidelines

This product is designed for use at ambient temperatures. Dispense equipment heaters are not required during flushing operations.

Use only clean, dry MULTITEK™ PUMP STORE that has been stored in a well-sealed container.

Place transfer pumps into pails of MULTITEK™ PUMP STORE or add MULTITEK™ PUMP STORE to emptied dispense machinery component tanks.

Recirculate MULTITEK™ PUMP STORE through the machinery system and fully flush material lines and dispense head/spray gun until clean Multitek PUMP STORE emerges Important – Never allow polyol contaminated MULTITEK™ PUMP STORE to be used for flushing the isocyanate side of dispense machinery, or vice versa. Cross-contamination will result in polyol-isocyanate reaction and can cause blockage of hoses, pumps and dispense heads or spray guns.

After full flushing is complete, repeat the flushing process using clean, dry MULTITEK™ PUMP STORE. MULTITEK™ PUMP STORE may remain in the equipment for long periods of time – up to 3-6 months. If longer term equipment storage is required, repeat the flushing process after 3-6 months using new MULTITEK™ PUMP STORE.

Clean up

Clean up liquid leakage or spills using rags or other absorbent material. Final cleaning can be achieved using solvents such as MULTITEK™ XYLENE, MEK or acetone or using warm soapy water.

Typical Properties

PROPERTY	TYPICAL VALUE
Appearance	Clear, colourless to pale yellow liquid
Viscosity (@ 25°C) – ASTM D2196	1.7 – 2.5 mPa.s
Specific Gravity (@ 25°C) – ASTM D1475	1.03 g/ml
Pour Point	-24.4 °C
Boiling Point	203 °C
Solubility in water	Miscible
Flash Point	91 – 95 °C

Storage

MULTITEK™ PUMP STORE should be stored between 15 °C and 25 °C. Drums must remain tightly sealed against moisture ingress. Under these storage conditions these materials will have a shelf life of 6 months. Storage at temperatures other than detailed can result in degradation of the product, rendering the materials unusable. Ingress of humidity or water into the drums during storage or use will also make the materials unusable.

Packaging

MULTITEK™ PUMP STORE 20kg pails / 240kg drums

Health and Safety

Operators must have full awareness of the material safety requirements before any work is undertaken.

While MULTITEK™ PUMP STORE is a non-hazardous material, contact with skin or eyes should be avoided as a matter of good practice.

Preventative PPE should be worn when handling MULTITEK™ PUMP STORE and it should be used in areas with adequate ventilation.

The MULTITEK™ PUMP STORE is not intended for use by other than experienced operators. The data herein requires experience and knowledge to attain correct interpretation and outcome. The user must undertake all relevant tests to determine the suitability for the intended application, as such determination of fitness of purpose for product use, is the sole responsibility of the purchaser.

Limitations

Information contained in this document does not cover all possible application scenarios or imply product suitability for an application. Please contact your local GCP representative or the GCP Technical Department for further information.

Warranties

GCP and contractors recognised by GCP as experienced in the application of GCP products will provide warranties for individual projects. Warranty periods offered are dependent on project details and complexity. Requests for very long warranty periods may necessitate increased membrane thicknesses to ensure longevity. Contact your local GCP representative for further details.

Release Date: 02/11/18. The information contained in this product data sheet supersedes all previous versions.

gcpat.com.au | For technical information: anz.enq@gcpat.com

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

MULTITEK is a trademark of GCP Applied Technologies, Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2019 GCP Applied Technologies, Inc. All rights reserved.

Printed in Australia GCP PDS 066 07/17

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Alpharetta, GA 30009, USA

GCP Australia Pty. Ltd., 14 Colebard Street West, Archerfield, Brisbane, Queensland 4108, Australia

This document is only current as of the last updated date stated below and is valid only for use in Australia. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on www.gcpat.com.au. Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2023-07-06

gcpat.com.au/solutions/products/multitek-pump-store