

Technical Data Sheet

ACE-400

DESCRIPTION

ACE PROADHESIVE-400 is a prepolymerised and reactivity modified diphenylmethane diisocyanate (MDI).

PROPERTIES

Properties	Value	Unit	Test method
Density (25 °C)	1.14	g/cm ³	PU/SPG-1
Viscosity (25 °C)	2450	mPa.s	PU/VIS-1
NCO value	16	%	PU/IV-1
Hydrolysable chlorine	<= 2000	ppm	
Flash point (Open cup)	225	°C	
Fire point	240	°C	ASTM92D

APPLICATIONS

Combined with M.E.K. in 4: 1 (4 parts of MEK and 1 part ACE PROADHESIVE 400) acts as adhesion promoter and activator with cured polyurea or polyurethane membranes, preparing them to be reapplied.

Application in repairs and encounters of cured areas.

The membrane is cleaned with the impregnated solution in a cloth or mop and wait 20-30 minutes for solvent evaporation before projecting the new layer of polyurea.

Don't apply thick in order to prevent bad results.

STORAGE AND HANDLING

Containers of ACE PROADHESIVE 400 should be kept properly closed and stored indoors in a well-ventilated area under normal factory conditions.

Storage at temperatures ranging from 20 - 30 °C provides a convenient viscosity for handling. Storage at low temperature is not recommended because it may lead to some crystallisation; this material must therefore be melted according to the procedures given in the publication PU 181-15E. Storage at temperatures above 50°C is not recommended, since this can lead to the formation of insoluble solids and also the viscosity build-up increases on extended storage. Under the

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recommended storage conditions and if protected from humidity and contaminants, i.e. in properly sealed drums, cans, etc., ACE PROADHESIVE-400 has a provisional storage life of 4.5 months at the customer. In case of storage in bulk containers, please contact our Sales Representative for further details. Detailed information on how to obtain optimum bulk storage conditions, is available in the ISOPA document Guidelines for Safe Loading/Unloading, Transportation & Storage of TDI and MD.

HEALTH AND SAFETY

The appropriate health and safety advice can be found in the safety data sheet for ACE PROADHESIVE 400 available on request. The applicable Safety Data Sheet should be reviewed by customer before handling the ACE COATINGS product.

All users of ACE PROADHESIVE-400 are advised to read MDI-based compositions: Hazards and safe-handling procedures.

For further information, please contact your nearest sales office Warranty: ACE COATINGS warrants only that its products meet the specifications agreed with the buyer. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. The manufacture of polyurethane materials and polymeric foams is the subject of granted patents and patent applications; freedom to operate patented processes is not implied by this publication. While all the information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE. IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR TS OWN PARTICULAR PURPOSE.

The behaviour of the products referred to in this publication in manufacturing processes and their suitability in any given end use environment are dependent upon various conditions such as chemical compatibility, temperature, and other variables, which are not known to ACE COATINGS. It is the responsibility of the user to evaluate the manufacturing circumstances and the final product under actual end- use requirements and to adequately advise and warn purchasers and users thereof. Products may be toxic and require special precautions in handling. The user should obtain.

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Safety Data Sheets from ACE COATINGS containing detailed information on toxicity, together with proper shipping, handling and storage procedures, and should comply with all applicable safety and environmental standards. Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent on manufacturing circumstances or other processes.

Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

Except where explicitly agreed otherwise, the sale of products referred to in this publication is subject to the general terms and conditions of sale of ACE COATINGS. All rights reserved.

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