



# CLAYMAN

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## SAFETY DATA SHEET

3975	UNI-MEDIA
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1. Identification of substance/preparation and of the company undertaking	
Trade Name:	Uni-Media
Chemical Name:	-

2. Composition /information on ingredients			
Composition	CAS- No.	Common Name	
	9004-64-2	Hydroxypropylcelluloseether	
	111-90-0	Ethanol, 2- (2- ethoxyethoxy)-	
	64-17-5	Ethanol	
Weight %	CAS- No.	Common Name	
		Symbol	R-Sentence
30.0- 60.0	64-17-5	Ethanol	
		F	11

3. Hazards Identification	
Highly Flammable	
No labelling with symbols T+, T, C, Xn or Xi referring to EEC- regulations.	
The usual precautionary measures for dealing with chemicals	

4. First Aid Measures	
General remarks:	Bring affected persons out of danger area.
Inhalation:	Take affected persons out into the fresh air.
Skin Contact:	Upon skin contact, wash with water.
Eye Contact:	Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open. Consult an ophthalmologist if the irritation persists.
Ingestion:	Have patient drink plenty of water in small sips. Do not force patient to vomit.
Aspiration hazard!	Supply with medical care.



<b>5. Fire Fighting Hazards</b>	
Suitable extinguishing media:	Usual measures for chemical fires. Water (jet spray), mist, special quenching powder, quenching foam (use large amount of foam as it will be partially destroyed), carbon dioxide.
Extinguishing media which must not be used for safety reasons:	Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Formation of flammable or explosive vapour/ air mixtures possible. Danger of explosion with fire. Do not inhale explosive gases or smoke fumes.

<b>6. Accidental Release Measure</b>	
Personal precautions:	Keep persons at a distance and stay on the weather side.
Environmental precautions:	Dispose of waste in accordance with the legal regulations issued by the appropriate local and national authorities. Prevent penetration into soil, stretches of water and drainage systems.
Methods of cleaning up:	Absorb with liquid- binding material (e.g. sand, infusorial earth, and inert absorbent).
Further information:	Remove all sources of ignition. Keep away from sources of ignition- no smoking.

<b>7. Handling &amp; Storage</b>	
Handling:	No dangerous reactions are known to occur with correct handling and storage. Highly volatile substances may be released during processing; therefore avoid sources of ignition. Do not empty into drains. Keep container tightly closed. Keep away from sources of ignition- no smoking.
Storage:	Fumes may be released in closed storage rooms or during processing. Keep container dry and tightly sealed- even empties. If there is danger of exceeding the explosion limits, explosion proof-ness is recommended. Keep container in a well-ventilated place. Take precautionary measures against static discharges. Product is slightly water- pollutive. Observe the national and local regulations concerning handling and storage.



8. Exposure Control/Personal Protection				
Additional instructions for technical installation. Eventual aspiration in case of solvent fumes. Technical protection measures have always priority over personal protection equipment. Take precautionary measures against static discharges.				
Ingredients with threshold limit values:				
Values of maximum admissible concentration (MAK):				
1000.0000	ml/m <sup>3</sup>	1900.0000	mg/m <sup>3</sup>	referring to ethanol
General protection:		Wash face/ hands before break and end of work.		
Respiratory protection:		If maximum admissible concentration value at the workplace is exceeded or you feel troubled, apply respirator with brown A-type or AX-type (if working with halogenated substances). Use respirators for protection.		
Eye protection:		Wear safety goggles with side- shields (if handling large amounts).		
Skin protection:		Preventative skin protection recommended.		
Hand protection:		Wear protective gloves made of solvent- resistant material (if handling large amounts).		

9. Physical & Chemical Properties	
Physical state:	Fluid
Colour:	Colourless
Odour:	Characteristic
Viscosity:	(20°C) => 61s (ISO 2431, 6mm nozzle)
Flash Point:	20°C DIN 51755, Part 1
Lower explosion limits:	1.2 Vol.-%
Upper explosion limits:	19.0 Vol.-%

10. Stability & Reactivity	
Conditions to avoid:	When heated above flashpoint and/ or with spraying or atomisation, a flammable mixture may form with air.
Hazardous decomposition products:	The product is supplied in a stable form, but if the container is left open at room temperature or above, it will lose solvents by evaporation.



11. Toxicological Information		
Immediate effects, Data for substance (or effects of certain components in preparations):		
Specific information for this product is not available (if applicable, information for components is given below).		
Information referring to ethanol	LD50, oral, rat	7060.00 mg/kg
	LC50, inhale, rat	20000.00mg/l
Information referring to ethanol, 2- (2-ethoxythoex)-	LD50, oral, rat	550.00 mg/ kg
	LD50, subcutaneous, rat	6000.00 mg/ kg
Human:		
To date handling this product has not been known to cause and detrimental effects.		

12. Ecological Information		
Data for elimination (persistence and degradability):		
No ecotoxicological studies are available.		
Behaviour in environmental compartments:		
Product is slightly water pollutive.		
Ecological effects:		
Product investigated. (If applicable information for components is given below).		
Information referring to ethanol	LC50, fish	8150.00 mg/l

13. Disposal Considerations		
Look for community provisions relating to waste. National or regional provisions may be in force. Suggestion for a waste code number and waste description for uncontaminated waste for users in the ceramics industry:		
EWC-No.	080102	
Waste paints and varnish containing non- halogenated solvents. (Dangerous waste according to the EC guideline 94/904/EC).		



<b>14. Transport Information</b>	
Dangerous goods regulations	RID/ ADR/ IMDG- Code/ ICAO- TI.
Land Transport ADR/ RID (Interstate / intrastate)	Class 3 Number 5 b
Name of product (proper shipping name for surface transport):	1263 Paint related material. In accordance with the law on the transport of hazardous goods see national regulations on land transport for given description of the good. GCVS- listed well: No Hazardous substances: Ethanol, solvent.
Inland navigation ADN	For inland navigation consultation necessary.
Sea transport IMDG	IMDG: Class 3.2 UN-No. 1263 PG II Marine Pollutant: No EMS: 3-05 MFAG: 310,313 Technical names refer to UN- No.: Paint related material. Hazardous substances: Ethanol.
Air transport ICAO- TI and IATA- DGR	Class 3 UN-No. 1263 PG II Technical names refer to UN-No.: Paint related material Hazardous substances: ethanol

<b>15. Regulatory Information</b>	
Information on the label according to the Directives of EEC.	
Symbol(s) and indication(s) of danger:	Highly Flammable
Hazardous ingredient(s) for labelling, containing highly flammable substances:	
R Phrases	R11 Highly Flammable
S Phrases	S7 Keep container tightly closed.
	S8 Keep container in a well- ventilated place.
	S16 Keep away from sources of ignition – No smoking.
	S33 Take precautionary measures against static discharges.
Any other national measures that may be relevant (ref. Annex II Directive 88/379/EEC). The safety data sheet is produced considering new directives of the EEC. Missing or differing labelling may occur during the transitional stage until all countries take over these regulations in their national jurisdiction. The product is subject to the regulation concerning malfunctions (list no.2).	
Specific information referring to ethanol:	2- (2- ethoxyethoxy)-: Data on toxicology (BG-no. 61). Water pollution class 1 (according VwVwS, annex 2).



<b>16. Other Information</b>
The data presented here correspond to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities.