



MATERIAL SAFETY DATA SHEET

HYDROTUFF (PU WATER BASED TOPCOAT)

MSDS

EFFECTIVE DATE : Sunday, 06 May 2007

I. IDENTIFICATION

PRODUCT NAME : HYDROTUFF (PU WATER BASED TOPCOAT)

CHEMICAL FAMILY : ACRYLIC RESIN DISPERSION IN WATER.

HAZARD CLASSICATION : N/A

CAS # : 34590-94-8 (2 METHOXYMETHYLETHOXY) PROPANOL – 1.4%

EINECS : 252-104-2

CAS : 5131-66-8 (3 BUTOXYPROPAN –2 –OL) – Xi; R 36/38 – 1.8%

EINECS : 225-878-4

ADDITIONAL INFORMATION : FOR THE WORDING OF THE LISTED RISK PHRASES REFER TO SECTION 16.

II. PHYSICAL DATA

SPECIFIC GRAVITY : 1.0

VAPOUR PRESSURE : 23 hPa @ 23⁰

VAPOUR DENSITY : 1.0

SOLUBILITY IN WATER : 100% by weight

PERCENT SOLIDS : 34% wt.

APPEARANCE : Transparent liquid

ODOUR : Characteristic

FLASH POINT : >100⁰C

III. INGREDIENTS

MATERIALS	%by Wt.	TLV	HAZARD
Acrylic Resin	80%	-	Not currently known
Water	10%	10 ppm	Irritant
Additives	10%		

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : Not applicable (Acqueous System)

FLAMMABLE LIMITS : Not Available (Acqueous System)

EXTINGUISHING MEDIA : The adhesive will not burn until water has evaporated.
For residual solids : use water spray, carbon
Dioxide, dry chemical alcohol-type or universal – type foams applied by
Manufacturer's recommended techniques.

SPECIAL FIRE FIGHTING PROCEDURE	None
EXPLOSION HAZARDS	None

V. HEALTH HAZARD DATA

ACCUTE EFFECTS OF OVER EXPOSURE	
SWALLOWING	None currently known. May cause some nausea
SKIN ABSORPTION	None currently known
INHALATION	None currently known
SKIN CONTACT	May cause transient reddening of skin
EYE CONTACT	None currently known
CHRONIC EFFECTS OF OVER EXPOSURE	None currently known
OTHER HEALTH HAZARDS	None currently known

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING	No harmful effects expected
SKIN	Wash with soap and water
INHALATION	No emergency care anticipated
EYES	Flush with water for atleast 15 minutes
NOTES TO PHYSICIAN	Toxicology studies of similar is of no specific antidote. Treatment of overexposure should be directed at the control of symptoms And the clinical conditions.

VI. REACTIVITY DATA

STABILITY	Stable
CONDITION TO AVOID	None
INCOMPATIBILITY (Materials to avoid)	None
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS	When water evaporates, polymer can burn and produce carbon dioxide and Carbon monoxide.
HAZARDOUS POLYMERIZATION	Will not occur

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED	Major spills should be collected for disposal. Minor spills may be flushed to sewer if local regulated permit.
WASTE DISPOSAL METHOD	Bury in suitable landfill where permitted under appropriate govt. regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)	Not required
VENTILATION	General (mechanical) room ventilation is expected to be satisfactory
PROTECTIVE GLOVES	Recommended
EYE PROTECTION	Safety Glasses
OTHER PROTECTIVE EQUIPMENT	Eye bath

