

**ASSOCIATED DENTAL PRODUCTS LTD
MATERIAL HEALTH AND SAFETY DATA SHEET**

Version No: 2

Updated on: 26/10/01

1) GENERAL INFORMATION			
CHEMICAL NAME & SYNONYMS: PAA & TARTARIC ACID CHEMICAL FAMILY: GLASS POLYPHOSPHONATE (IONOMER) CE- MENT LIQUID PROPER DOT SHIPPING NAME: POLY (ACRYLIC ACID) BASED SOLU- TION MANUFACTURER: ASSOCIATED DENTAL PRODUCTS LTD MANUFACTURERS ADDRESS: KEMDENT WORKS, PURTON, SWINDON, WILTS, SN5 4HT UK		TRADE NAME: DIAMOND CARVE/90 LIQUID FORMULA: (CH ₂ -CH 000H)∩ (PAA) DOT HAZARD CLASSIFICATION: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS MANUFACTURERS PHONE NUMBER: 00 44 (0) 1793 770 256 CHEMTRAC PHONE NUMBER:	
2) INGREDIENTS			
PRINCIPAL HAZARDOUS COMPONENTS		PERCENT	THRESHOLD LIMIT VALUE (UNITS)
POLY(ACRYLIC ACID)		25.0	LD ₅₀ (RAT) IS EXPECTED TO BE
DEXTRO-TARTARIC ACID		12.0	>2000 MG/KG
3) PHYSICAL DATA			
BOILING POINT (F)	100°C FOR WATER	SPECIFIC GRAVITY (H ₂ O = 1)	1-1 G/CM ³
VAPOUR PRESSURE (MM HG)	NA	PERCENT VOLATILE BY VOLUME (%)	58.8% WATER
VAPOUR DENSITY (AIR = 1)	NA	EVAPORATION RATE	NOT DETERMINED
SOLUBILITY IN WATER	VERY SOLUBLE	PH	~ 1.5
APPEARANCE & ODOUR	COLOURLESS		
4) FIRE & EXPLOSION HAZARD DATA			
FLASH POINT (TEST METHOD)	>100°C	AUTO IGNITION TEMPERATURE	NA
FLAMMABLE LIMITS	NA	LEL	UEL
EXTINGUISHING MEDIA: FOAM, DRY POWDER, WASTE SPRAY/FOG	SPECIAL FIRE FIGHTING PROCEDURES: AS WITH ALL FIRES INVOLV- ING CHEMICALS, CHEMICAL PROTECTION SUITS, SUITABLE GLOVES AND BOOTS AND SELF-CONTAINED BREATHING APPARATUS		
UNUSUAL FIRE & EXPLOSION HAZARDS: NONE			
5) HEALTH HAZARD DATA			
OSHA PERMISSIBLE EXPOSURE LIMIT	NA	ACGIH THRESHOLD LIMIT VALUE	LD ₅₀ (RAT)>2000MG.KG
CARCINOGEN—NIP PROGRAM	NA	CARCINOGEN—IARC PROGRAM	NA
SYMPTOMS OF EXPOSURE: SLIGHT IRRITATION ON REPEATED OR PROLONGED CONTACT TO SKIN/EYES		MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE	
PRIMARY ROUTE (S) OF ENTRY: INGESTION, INHALATION			
EMERGENCY FIRST AID: OBTAIN MEDICAL ATTENTION IMMEDI- ATELY. IN THE MEANTIME FOR SKIN/EYE CONTACT - WASH THOR- OUGHLY WITH WATER. INGESTION-DO NOT MAKE THE CASUALTY VOMIT. IF UNCONSCIOUS DO NOT GIVE ANYTHING BY MOUTH.		IF CONSCIOUS RINSE OUT THE MOUTH WITH WATER, GIVE 1 PINT OF WATER TO DRINK IMMEDIATELY AND REPEATED DRINKS AT THE RATE OF 1/3 EVERY 10 MINUTES	
6) REACTIVITY DATA			
STABILITY: UNSTABLE/STABLE INCOMPATIBILITY: HAZARDOUS POLYMERISATION: MAY OCCUR/WILL NOT OCCUR HAZARDOUS DECOMPOSITION PRODUCTS:		CONDITIONS TO AVOID: STABLE AT NORNAL CONDITIONS MATERIALS TO AVOID: AVOID CONTACT WITH REACTIVE CHEMI- CALS CONDITIONS TO AVOID: NO DECOMPOSITION IF STORED AND AP- PLIED AS DIRECTED	
7) ENVIRONMENTAL PROTECTION PROCEDURES			
SPIL RESPONSE: USE PROTECTIVE EQUIPMENT—DON'T HANDLE WITH BARE HANDS		WASTE DISPOSAL METHOD: DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEM	
8) SPECIAL PROTECTION INFORMATION			
EYE PROTECTION: NONE REQUIRED—HOWEVER DO NOT EXPIRATE BOTTLE TOWARDS EYES SKIN PROTECTION: USUAL HANDWARE IF NORMALLY USED OTHER PROTECTION: NONE		VENTILATION RECOMMENDED NONE RESPIRATORY PROTECTION (SPECIFIC TYPE) NONE	
9) SPECIAL PRECAUTIONS			
HYGIENIC PRACTICES IN HANDLING & STORAGE: NONE		PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT: NONE OTHER PRECAUTIONS: NONE	