

Material Safety Data Sheet  
**ANABEC X-70 PLUS**

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**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** .....ANABEC X-70 PLUS  
**SYNONYMS:**.....Penetrating remediation barrier to prevent new organic matter build-up  
**CHEMICAL FAMILY:**.....Water borne coating, containing silver based penetrant  
**FORMULA:**.....Aqueous mixture, available in clear and other colors.

**SECTION II - HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	OSHA	ACGIH	CERCLA RQ	SARA 302 EHS	SARA 313	HUMAN CARCINOGEN
Monopropylene Glycol	5-15%	57-55-6	None listed	None listed	None listed	No	No	No
Diethylene Glycol Monobutyl Ether (butyl carbitol)	1-10%	112-34-5	None listed	None listed	None listed	No	Yes	No
Acrylate / Styrene Copolymer	10-25%	Confidential	None listed	None listed	None listed	No	No	No

**SECTION III – PHYSICAL & CHEMICAL PROPERTIES**

**APPEARANCE & ODOR:**.....Clear or colored liquid, with a faint solvent odor  
**BOILING POINT:** .....Estimated >212° F  
**VAPOR PRESSURE (mm Hg):**.....Not established - aqueous  
**VAPOR DENSITY** .....Not established - aqueous  
**SPECIFIC GRAVITY:**.....Approx. 0.98  
**pH:**.....Neutral  
**SOLUBILITY IN WATER:** ..... Totally soluble in water.  
**TOTAL VOLATILITY (% wgt.):**.....Approx. 84% (+/- 3%)  
**VOC (lbs/gal):** .....Approx. 0.3

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**SECTION IV - FIRE AND EXPLOSION DATA**

**FLASHPOINT:** .....Not combustible - aqueous.

**LOWER EXPLOSIVE LIMIT:**...Non-flammable

**UPPER EXPLOSIVE LIMIT:**.....Non-flammable

**EXTINGUISHING MEDIA:**.....The use of water fog or spray, foam, dry powder, or carbon dioxide (CO<sub>2</sub>) is recommended.

**FIRE FIGHTING PROCEDURES:**.....As a minimum, use self-contained breathing apparatus (SCBA) and full protective clothing. Fight fire as appropriate for surrounding area.

**FIRE AND EXPLOSION HAZARDS:** .....No special hazards. This product is not anticipated to support combustion.

**HAZARDOUS COMBUSTION PRODUCTS:** .....Oxides of carbon and other possible toxic solids and gasses.

**SECTION V - REACTIVITY & STABILITY INFORMATION**

**STABILITY:**.....Stable

**HAZARDOUS POLYMERIZATION:** .....May occur

**INCOMPATIBILITY:**.....Avoid strong oxidizers, strong acids and strong bases.

**CONDITIONS TO AVOID:**..... Avoid contact with strong acids, and bases.

**SECTION VI - HEALTH HAZARD INFORMATION**

**MEDICAL CONDITION AGGRAVATED:**.....A review of the available toxicological information, and physical and chemical properties of the mixture, suggests that potential overexposure, during the proper application of the product, is unlikely to aggravate existing medical conditions.

**INHALATION:** .....Vapors or mists in excess of the listed concentrations, or in unusually high concentrations formed during usage, may cause irritation of the eyes or respiratory tract. Heating the material and poor ventilation during use may also cause the above listed irritation.

**INGESTION:**.....Extremely low toxicity if swallowed. Trace amounts swallowed incidental to normal handling operations are not anticipated to cause injury.

**EYES:**.....Liquid contact may cause slight, temporary discomfort of the eye, with minimal irritation and possible slight swelling.

**SKIN:**.....Brief contact should not be irritating. Prolonged contact, from clothing wetted with the product, may cause a mild irritation, shown as a localized redness or discomfort.

**SECTION VII - FIRST AID MEASURES**

**INHALATION:** .....Remove to fresh air. If breathing is difficult, give oxygen or artificial respiration. Get immediate medical attention.

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**INGESTION:**.....If swallowed, available information does not show evidence of harmful effects. If difficulties arise, do NOT induce vomiting. If a large volume of the product is involved and the victim is totally alert, give a glass of water. If vomiting does occur, keep head below the hips to prevent aspiration into the lungs. Get medical attention immediately.

**EYES:**.....Thoroughly flush the eyes with large volumes of clean, low pressure water for at least 15 minutes while holding eyelids open. If wearing contacts, remove them after initial flushing and then continue flushing. If any irritation or difficulty persists, get immediate medical attention.

**SKIN:**.....Immediately wash skin with mild soap and large volumes of water. Remove contaminated clothing, washing clothing before reuse. Get medical attention if irritation, swelling, pain, or blistering occurs.

**ADDITIONAL INSTRUCTIONS:** .....Aspiration of this product into the lungs, during emesis, could result in lung damage. If stomach evacuation is deemed necessary, take appropriate precautions to avoid inhalation into the lungs.

**NOTE TO PHYSICIAN:** .....Toxicological studies have shown similar materials to have a low acute toxicity. There is no specific antidote, treat for control of symptoms.

**SECTION VIII - PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**.....None required if airborne concentrations are maintained below the listed exposure limits. If engineering controls do not maintain airborne concentrations below the listed limits, a respiratory protection program (whether respirator or SCBA) which meets the appropriate OSHA and / or NIOSH requirements should be initiated and followed.

**PROTECTIVE CLOTHING:** .....The use of non-absorbent gloves, apron, and safety glasses with side shields, or chemical goggles, is recommended.

**VENTILATION:** .....Local exhaust ventilation adequate to maintain airborne concentrations below listed limits is recommended. If adequate ventilation is not available, use a respiratory protection program as described previously.

**ADDITIONAL MEASURES:** .....Standard procedures associated with safety and good management practices

**SECTION IX – ACCIDENTAL RELEASE AND DISPOSAL DATA**

**SPILL:** .....Wear personal protective equipment appropriate to the conditions. Contain spills with an inert absorbent, and place in suitable containers. Keep unnecessary and unprotected personnel from the contaminated area until the spill is cleaned up.

**WASTE DISPOSAL:** .....Dispose of contained waste in compliance with all appropriate federal, state, and local regulations. It is the responsibility of the generator to characterize the properties of the material generated, and to determine the proper waste classification and disposal methods in compliance with all applicable regulations.

**RCRA STATUS:** .....If discarded in its purchased form, this product has been evaluated for RCRA characteristics, and does not meet the characteristics of a hazardous waste.

