

Swelling	Degradation	Ratings
Visually rated from 0-2;	Visually rated from 0-2;	NR (Not Recommended):
0 = none	0 = none	Significant degradation or swelling
1 = slight	1 = slight	FAIR: Slight swelling
2 = significant	2 = significant	GOOD: No swelling

Chemical	Chemical Class	Swelling (0-2)	Visible Degradation (0-2)	Rating
Acetone	Ketones	2	0	NR
Acetonitrile	Nitriles	1	0	FAIR
Aluminum Salts	Aluminum Compounds	0	0	GOOD
Barium Salts	Barium Compounds	0	0	GOOD
Benzyl Alcohol	Hydroxyl Compounds	1	1	FAIR
Boric Acid	Inorganic Acids	0	0	GOOD
Butanol	Hydroxyl Compounds	0	0	GOOD
Calcium Chlorite	Calcium Compounds	0	0	GOOD
Carbon Disulfide	Sulfur Compounds	1	0	FAIR
Cupric Chloride	Copper Compounds	0	0	GOOD
Cyclohexanone	Ketones	1	2	NR
Dichloromethane	Halogen Compounds	2	2	NR
Diethylamine	Aliphatic Amines	1	1	FAIR
Diethylformamide	Aliphatic Amines	2	2	NR
Ethyl Acetate	Carboxylic Esters	1	0	FAIR
Formaldehyde	Aliphatic Aldehydes	0	0	GOOD
Gasoline	Aromatic Hydrocarbons	0	0	GOOD
Gycol Ether	Ethers	0	0	GOOD
Hexane	Aliphatic Hydrocarbons	0	0	GOOD
Hydrochloric Acid (37%)	Inorganic Acids	0	2	NR
Hydrogen Peroxide (30%)	Peroxides	1	0	FAIR
Hydroflouric Acid (48%)	Inorganic Acids	0	2	NR
Jet Fuel (JP-5)	Aliphatic Hydrocarbons	0	0	GOOD
Kerosene	Hydrocarbons	0	0	GOOD
Methanol	Aliphatic Hydroxylic Compounds	0	0	GOOD
Methyl Ethyl Ketone	Aliphatic Ketones	2	0	NR
Mineral Oil	Aliphatic and Alicyclic Hydrocarbons	0	0	GOOD
Naphtha	Hydrocarbons	0	0	GOOD
Nitrobenzene	Nitro Compounds	0	2	NR
Phenol	Aromatic Hvdroxvlic	0	2	NR

	Compounds			
Propylene Glycol	Hydroxylic Compounds	0	0	GOOD
Sodium Hydroxide (50%)	Inorganic Bases	0	0	GOOD
Sulfuric Acid (98%)	Inorganic Acids	0	2	NR
Sulfuric Acid (50%)	Inorganic Acids	0	2	NR
Tetrachloroethylene	Halogen Compounds (Vinyl Halides)	0	0	GOOD
Tetrahydrofuran	Alicyclic Ethers	2	2	NR
Toluene	Aromatic Hydrocarbons	1	0	FAIR
1,1,1-Trichloroethane	Aliphatic Halogen Compounds	1	0	FAIR
Trichloroethylene	Halogen Compounds (Vinyl Halides)	1	0	FAIR
Triethylamine	Aliphatic Amines	0	0	GOOD
Turpentine	Hydrocarbons	0	0	GOOD
Water	Misc.	0	0	GOOD

Key Words: Catch Basin (2), Drain Filters (3) *Storm Drain Filter (2)

Word Count: 302

Definitions:

NPDES: National Pollutant Discharge Elimination System, a system enforced by the EPA, also referred to as the CWA Clean Water Act. The regulation of toxics that are released into water, ensuring that surface water should meet certain standards for human sports and recreation.

40 CFR 122.26: Permit required by the NPDES and EPA in order to operate an area that has storm drains, water ways, or a water runoff area.

TMDL: Total Maximum Daily Load, a regulatory term by the U.S. Clean Water Act to describe the maximum pollutants a body of water can receive to maintain its water quality standards.

X-TEX: See table at bottom of page to link

Linking:

<http://www.ultimatewasher.com/learning-center/how-to/stormwater-pollution-prevention.htm>

X-Tex Material Specifications

Physical Test Results of the X-Tex Blanket B11

Test	Method	Units	Result
Mass Per Unit Area	ASTM 5261	oz/yd	11
Grab Tensile MD	ASTM D4632	lbs	118
Grab Tensile TD	ASTM D4632	lbs	89
Elongation at Peak MD	ASTM D4632	percent	131
Elongation at Peak TD	ASTM D4632	percent	172
Wide Width Tensile MD	ASTM D4595	lbs/in	33
Wide Width Tensile TD	ASTM D4595	lbs/in	23
Elongation at break MD	ASTM D4595	percent	110
Elongation at break TD	ASTM D4595	percent	156
Puncture Resistance	ASTM D4833	lbs	72
Trapezoid Tear Strength MD	ASTM D4533	lbs	64
Trapezoid Tear Strength TD	ASTM D4533	lbs	45
Permittivity (Constant Head)	ASTM D4491	sec-1	2.02
Permeability	ASTM D4491	cm/sec	0.72
Flow Rate	ASTM D4491	gal/ft2	151
Apparent Opening Size / micron	ASTM D4751	mm	100-140/150