

MATERIAL SAFETY DATA SHEET

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

XYLTECH

Product Number Xyltech/sw
Product Name Xyltech
Manufacturer's Name The Sherwin-Williams Company
101 Prospect Avenue N.W.
Cleveland, OH, USA 44115

Telephone Numbers and Websites

Regulatory Information 216 566-2902 www.paintdocs.com
Medical Emergency 416 410-9155 www.tuff-gard.com
Transportation Emergency 800 424-9300 Chemical Emergency Only (spill, leak, fire, exposure or accident)

Composition/information on ingredients

% by Weight	CAS Number	Ingredient	Units	Vapour Pressure
15	100-41-4	Ethyl benzene		
		ACGIH TLV	100ppm	7.1 mm
		ACGIH TLV	125 ppm Stel	
		OSHA PEL	100 ppm Stel	
		OSHA PEL	125 PPM Stel	
85	1330-20-7	Xyltech		
		ACGIH TLV	100ppm	59 mm
		ACGIH TLV	150ppm Stel	
		OSHA PEL	100 ppm Stel	
		OSHA PEL	150 PPM Stel	

Hazards Identification

HMIS Codes Health 2, Flammability 2, Reactivity 0

Routes of Exposure

Inhalation of vapour or spray mist.
Eye or skin contact with the product, vapour or spray mist.

Effects of Over-exposure

Eyes Irritation
Skin Prolonged or repeated exposure may cause irritation.
Inhalation Imitation of the upper respiratory system.

May cause nervous system depression. Extreme over exposure may result in unconsciousness and possibility death. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Signs and Symptoms of Over-Exposure

Headache, dizziness, nausea, and loss of co-ordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical Conditions Aggravated by Exposure

None generally recognized.

Cancer Information

For complete discussion of toxicology data refer to Section 11.

First Aid Measures

Routes of Exposure

Inhalation of vapour or spray mist.

Eye or skin contact with the product, vapour or spray mist.

Eyes

Flush eyes with large amounts of water for 15 minutes. Get medical attention.

Skin

Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse

Inhalation

If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Ingestion

Do not induce vomiting. Get medical attention immediately

Fire Fighting Measures

Flash Point

80° F PMCC

LEL

1.0

UEL

7.0.

Flammability Classification

Red Label – Flammable, Flash below 100°F (38°C)

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Unusual Fire and Explosion Hazards

Closed containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions over-exposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention

Special Fire Fighting Procedures

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

Handling and Storage

Storage Category

DOL Storage Class 1C

Precautions to be taken in Handling and Storage

Contents are FLAMMABLE. Keep away from heat, sparks, and open flame.

During use and until all vapours are gone. Leap area ventilated. Do not smoke. Extinguish all flames, pilot lights, and heaters. Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Exposure Controls/Personal Protection

Precautions to be taken in use

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapour and spray mist.

Ventilation

Locate exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108

Respiratory Protection

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapour/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

Protective Gloves

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

Other Precautions

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Physical and Chemical Properties

Product Weight	7.17 lb/gal	769 g/l
Specific Gravity	0.86	
Boiling Point	277 - 292 ° F	135 - 144 °C
Melting Point	Not available	
Volatile Volume	100%	
Evaporation rate	Slower than ether	
Vapor Density	Heavier than air	
Solubility in Water	N.A.	
Volatile Organic Compounds (VOC Theoretical – as Packaged)		
1.17 lg/gal 859 g/l	Less Water and Federally Exempt Solvents	
1.17 lg/gal 859 g/l	Emitted VOC	

Stability and Reactivity

Stability - Stable

Conditions to Avoid

None known.

Incompatibility

None Known.

Hazardous Decomposition Products

By Fire: Carbon Dioxide, Carbon Monoxide

Hazardous Polymerization

Will not occur.

Chronic Health Hazards

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Ethyl benzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethyl benzene causes cancer in humans.

Toxicological Data

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system

CAS Number	Ingredient Name			
100-41-4	Ethylbenzene	LC50 RAT	4hr.	Not Available
		LC50 RAT		300 mg/kg
1330-20-7.1	Xyltech	LC50 RAT	4hr.	5000 ppm
		LC50 RAT		4300 mg/kg

Ecological Information**Ecotoxicological Information**

No data available

Disposal Considerations**Water Disposal method**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and local regulations regarding pollution.

Transport Information**US Ground (DOT)**

1 gallon and less may be classed as Consumer Commodity, ORM-D

Larger Containers are regulated as UN1307, Xyltech, 3, PG III, (ERG#130)

DOT (Dept. of Transportation) Hazardous Substances & Reportable Quantities

Ethyl benzene 1000 lb. RQ

Xyltech (isomers and mixture) 100 lb. RQ

Bulk Containers may be shipped as (check reportable quantities):

RQ, UN1307, Xyltech, 3, PG III (Xyltech *Isomers and Mixture)). (ERG #130)

Canada (TDG)

UN1307, Xyltech, 3, PG III (Limited Quantity, (ERG #130)

IMO

UN1307, Xyltech, 3, PG III (27 C c.c) EmS F-E, S-D

Regulatory Information

SARA 313 (40 CFR 372.65C) Supplier Notification

CAS Number	Chemical/Co	% y WT	% Element
100-41-4	Ethyibenzene	15	
1330-20-7	Xyltech	85	