



Material Safety Data Sheet

NFPA 	HCS Risk Phrases Not controlled under the HCS (United States).	Protective Clothing
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Section I: Chemical Product and Company Identification

Common Name/ Trade Name ADMEX 6996 Plasticizer	In case of Emergency In the continental U.S.A. call CHEMTREC 1-800-424-9300 (24 hours) Outside the continental U.S.A call CHEMTREC 1-703-527-3887 (24 hours)
Supplier Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone (847) 298-9000 FAX (847) 298-9015	Manufacturer Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone: 847-298-9000 FAX: 847-298-9015
Synonym Not available.	Material Uses Paper Industry: Coating. Textile industry: Coated fabrics Other non specified industry: Electrical tape
Chemical Name Hexanedioic acid, polymer with 1,4- butanediol and 1,2-propanediol, 2- ethylhexyl ester	
Chemical Family Polymer.	
Chemical Formula Not available.	

Section II: Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	OSHA Hazardous Ingredients
Hexanedioic acid, polymer with 1,4- butanediol and 1,2-propanediol, 2- ethylhexyl ester	68332-61-6	100	Not available	No

Section III: Hazards Identification

Emergency Overview	Clear, bright (Light.) Viscous liquid Mild ester odor HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.
Potential Health Effects	Inhalation and skin contact are expected to be the primary routes of occupational exposure to ADMEX 6996. There is little information regarding the health effects of this material. ADMEX 6996 is not expected to cause significant adverse health effects when good industrial hygiene and safety practices are followed. When processed at high temperatures, vapors may cause eye, skin and respiratory tract irritation. In severe cases, vapors may cause nausea and vomiting.

Section IV: First Aid Measures

Eye Contact	Flush with plenty of water. Seek medical attention if irritation persists.
Skin Contact	Flush the area with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists. Thoroughly clean shoes before reuse.
Inhalation	Remove to fresh air. If breathing is difficult, get medical attention.
Ingestion	If swallowed, induce vomiting as directed by medical personnel. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Section VI: Fire and Explosion Data

Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	OPEN CUP: 248.89°C (480°F)
Flammable Limits	Not available.
Fire and Explosion Hazards	Burning of this product may produce carbon monoxide, carbon dioxide and various hydrocarbons. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet. Firefighters and others who may be exposed to products of combustion should wear full firefighting turnout gear and self contained breathing apparatus. Firefighting equipment should be thoroughly decontaminated after use.

Section VII: Accidental Release Measures

Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.double space
Large Spill	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section VIII: Handling and Storage

Handling	Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing. Keep away from sources of ignition.
Storage	Store in well ventilated area away from sources of ignition.

Section IX: Exposure Controls/Personal Protection

Engineering Controls	Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to minimize exposure. If practical use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.
Personal Protection	Safety glasses. Gloves. Lab coat.
Personal Protection in Case of a Large Spill	Splash goggles.double space Full suit.double space Vapor respirator.double space Boots.double space Gloves.double space A self contained breathing apparatus should be used to avoid inhalation of the product.double space Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section X: Physical and Chemical Properties

Physical state and appearance	Viscous liquid
Color	Clear, bright (Light.)
Odor	Mild ester odor
Boiling Point	Not available.
Melting Point	Not available.
Critical Temperature	Not available.

Specific Gravity	1.07
Vapor Pressure	Not available.
Vapor Density	Not available.
Volatility	0.72%
Odor Threshold	Not available.
Evaporation rate	Not available.
Viscosity	550 cP
Solubility	Not available.
pH (1% soln/water)	Not applicable.
Molecular Weight	Approximately 1800

Section X Stability and Reactivity Data

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.
Incompatibility with various substances	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Not available.

Section XI Toxicological Information

Toxicity to Animals	ADMEX 6996 has not been tested for toxicity. The data listed below are based on toxicity tests conducted on structurally similar polymers. Acute oral toxicity (LD50): Expected to be >5000 mg/kg (Rat). Acute dermal toxicity (LD50): Expected to be >2000 mg/kg (Rat). Not expected to cause cause significant eye or skin irritation unless heated.
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Section XII Ecological Information

Ecotoxicology	Not available.
Chemical Fate	Not available.




Section XIII Disposal Considerations

Waste Disposal	Recycle, if possible. Consult your local or regional authorities for disposal options.
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Section XIV Transport Information

DOT Proper Shipping Name	NONE
DOT Hazard Class	Not a DOT controlled material (United States).
UN Identification Number	Not applicable (PIN and PG).
DOT (Pictograms)	
Packing Group	NONE

Section XV Other Regulatory Information and Pictograms

Federal and State Regulations									
Other Classifications	WHMIS (Canada) Not controlled under WHMIS (Canada).								
	WHMIS (Canada) (Pictograms) 								
	TDG (Canada) (Pictograms) 								
HMIS (U.S.A.)	<table border="1"> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>0</td> </tr> </table> National Fire Protection Association (U.S.A.) Health  Fire Hazard Reactivity Specific hazard	Health Hazard	1	Fire Hazard	1	Reactivity	0	Personal Protection	0
Health Hazard	1								
Fire Hazard	1								
Reactivity	0								
Personal Protection	0								

Section XVI Other Information

References	-CHEMLIST Database, Chemical Abstract Service -ICRMS Inventories Database, Ariel Research Corporation -Material Safety Data Sheet, Velsicol Chemical Corporation -Product Information Bulletin, Velsicol Chemical Corporation -REGISTRY Database, Chemical Abstract Service	
Other Special Considerations	No additional remark.	
Validated by Amy M. Bredbenner on 10/28/97.	Verified by Amy M. Bredbenner.	
Supercedes 04/04/97	Printed 6/15/98.	
Revision	Revised Section 7	

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