

SYNPRO MATERIAL SAFETY DATA SHEET

SECTION I

HMIS

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

Manufacturer's Name

SYNTHETIC PRODUCTS COMPANY

Address

**16601 ST. CLAIR AVENUE
CLEVELAND, OHIO 44110**

Emergency Telephone Number

(216) 531-6010

Chemical Name
and Synonyms

Trade Name
and Synonyms

SEE ATTACHED SHEET

Chemical

Formula

Family

PVC Ba/Cd/Zn LIQUID STABILIZER

SECTION II — INGREDIENTS

MATERIAL	CAS NO.	%	TLV (UNITS)	MATERIAL	CAS NO.	%	TLV (UNITS)
Barium Complex as Barium			0.5 mg/m ³				
Cadmium Complex as Cadmium			0.05 mg/m ³				
Dipropylene Glycol Methyl Ether			600 mg/m ³				

SECTION III — PHYSICAL DATA

Boiling Point (°F)	> 400°	Specific Gravity (H ₂ O=1)	~ 1.0
Vapor Pressure (mm Hg.)	Unknown	Percent Volatile by Volume (%)	< 1.0
Vapor Density (AIR=1)	Unknown	Evaporation Rate	< 1.0
Solubility in Water	Negligible	Butyl Acetate ⁻¹	
Appearance and Color			

AMBER LIQUID WITH AROMATIC HYDROCARBON ODOR

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LeI	UeI
> 200°F (PMCC)	UNKNOWN		
Extinguishing Media			
WATER, CO₂, DRY CHEMICALS, FOAM			
Special Fire Fighting Procedures			
TREAT AS OIL FIRE			

Unusual Fire and Explosion Hazards

BaO, CdO, ZnO AND OXIDES OF PHOSPHOROUS & CARBON MAY FORM ON COMBUSTION

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SECTION V — HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: SKIN

Threshold Limit Value:

SEE SECTION II

Effects of Overexposure:

SKIN RASH MAY RESULT IF SENSITIVE TO ORGANIC PHOSPHITES.

Emergency First Aid Procedures:

WASH SKIN WITH SOAP AND WATER. FLUSH EYES WITH WATER.

SECTION VI — REACTIVITY DATA

Stability	Unstable	Conditions to Avoid: EXCESSIVE HEAT
	Stable XX	
Incompatibility (Materials to Avoid): STRONG OXIDIZING AGENTS		
Hazardous Decomposition Products: BaO, CdO, ZnO, P ₂ O ₅ , CO, CO ₂		
Hazardous Polymerization	May Occur	Conditions to Avoid: NONE
	Will Not Occur XX	

SECTION VII — SPILL OR LEAK PROCEDURE

Steps to be Taken in Case Material is Released or Spilled: TREAT AS OIL SPILL. ABSORB ON DIATOMACEOUS EARTH OR OTHER FILLERS. SHOVEL TO WASTE DRUMS.

Waste Disposal Method: INCINERATE IN FURNACE OR DISPOSE OF MATERIALS ABSORBED ON SOLIDS IN ACCORDANCE WITH CURRENT APPLICABLE LAWS.

SECTION VIII — SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):

USE CHEMICAL CARTRIDGE RESPIRATOR

Ventilation	Local Exhaust SUFFICIENT TO CONTROL FUMES & ODOR	Special
	Mechanical (General) AS NEEDED	Other
Protective Gloves: RUBBER	Eye Protection: CHEMICAL GOGGLES	

Other Protective Equipment:

NONE

SECTION IX — SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing:

AVOID PROLONGED CONTACT. REMOVE CONTAMINATED CLOTHING.

Other Precautions:

AVOID EXCESSIVE STORAGE TEMPERATURES. PROTECT FROM ATMOSPHERIC MOISTURE.

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BARIUM/CADMIUM/ZINC LIQUID PVC STABILIZER

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SYNPRON 512
SYNPRON 530
SYNPRON 540
SYNPRON 548
SYNPRON 669
SYNPRON 795
SYNPRON 856
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