



MATERIAL SAFETY DATA SHEET

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name THINNER ZVSP
MSDS Number 400
Supplier TRANS TECH AMERICA, INC.
475 N. GARY AVENUE
CAROL STREAM, IL 60188 USA

Telephone Numbers - 24 Hour Emergency Assistance
Emergency (352)323-3500

Telephone Numbers - General Assistance
Information (630)752-4000

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Concentration	Exposure Limits / Health Hazards
CYCLOHEXANONE	108-94-1	5 %	OSHA PEL: 50ppm; ACGIH TLV: 25ppm OSHA/NIOSH IDLH TLV*: 100 mg/m3
XYLENES	1330-20-7	15 %	OSHA TWA: 100ppm; OSHA STEL: 150ppm
N-BUTYL ACETATE	123-86-4	65 %	OSHA PELs: TWA:
PM ACETATE	108-65-6	15 %	NA

3 HAZARDS IDENTIFICATION

Signs & Symptoms of Short-Term (Acute) Exposure

Dizziness, irritation of mucous membranes

Effects of Long-Term (Chronic) Exposure

Prolonged or repeated overexposure may cause impaired lung function, blood disorders, liver and kidney damage. Reports have associated repeated or prolonged overexposure to solvents with brain damage and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

4 FIRST AID MEASURES

Skin

Wash affected area thoroughly with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.

Eye

Flush with copious amounts of water for a minimum of 15 minutes. Seek medical attention.

Inhalation

Remove person to fresh air and restore breathing. Treat symptomatically. Consult a physician.

Ingestion

Do not induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

5 FIRE FIGHTING MEASURES

Extinguishing Media

Chemical powder, carbon dioxide and foam

Basic Fire Fighting Procedures

Water spray may be ineffective on flames, but can be used to cool endangered containers. Do not enter confined spaces without full bunker gear (helmet with face shield, bunker coats, gloves, rubber boots, etc.) including a positive-pressure NIOSH approved, self-contained breathing apparatus.

Unusual Fire & Explosion Hazards

Containers exposed to intense heat should be cooled with water to prevent vapor pressure build-up that could result in container rupture. Container areas exposed to direct flame should be cooled with water to prevent weakening of container structure.

Flash Point 25 C

6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure

Remove all sources of ignition. Cover with liquid absorbent material such as clay, sand or vermiculite. Remove in container suitable for proper disposal.

7 HANDLING & STORAGE

Storage

Store in a cool, ventilated location. Hot surfaces may ignite product in the absence of smoke in the vicinity of product.

Ventilation

Local exhaust preferred (particularly in curing area). General mechanical ventilation may be sufficient to keep product vapor concentration within specific time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentration, supplemental local exhaust may be required. Other special precautions such as respiratory masks or environmental containment devices may be required in extreme cases.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

9 PHYSICAL & CHEMICAL PROPERTIES

Odor and Appearance

Clear liquid with odor of organic solvents

Boiling Point	90 C
Specific Gravity	0.95
Percent Volatile	100 %
Vapor Pressure	14
Evaporation Rate	> 1
Vapor Density	> 1

10 STABILITY & REACTIVITY

Stability/Incompatibility

Unstable.

Hazardous Reactions/Decomposition Products

Thermal decomposition may yield CO, CO₂ and other toxic fumes.

Hazardous Polymerization

Will not occur

11 TOXICOLOGICAL INFORMATION**Routes of Exposure**

Skin, eyes, ingestion, inhalation

12 ECOLOGICAL INFORMATION**13 DISPOSAL CONSIDERATIONS****Waste Disposal**

Dispose of in accordance with federal, state and local regulations.

14 TRANSPORT INFORMATION**Department of Transportation (DOT) Requirements:****General Transportation Information for Bulk Shipments**

Proper Shipping Name	Flammable Liquid	UN/NA Code	1263
Hazard Class	Class IC		

15 REGULATORY INFORMATION**NFPA Ratings**

Health	Flammability	Reactivity	Special Hazards
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HMIS Ratings

Health 1	Flammability 3	Reactivity 1	Personal Prot. Equip. B
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Following ingredients of this product are listed in SARA313

SARA Listed Ingredient Name	CAS Number	Maximum %
CYCLOHEXANONE	108-94-1	
XYLENES	1330-20-7	

Listed on the following Regulatory List(s)

SARA 313

SARA 313

16 OTHER INFORMATION**Disclaimer**

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Completed By	TRANS TECH AMERICA, INC.
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