



MATERIAL SAFETY DATA SHEET

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name THINNER TPV
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
PROPYLENE GLYCOL-1-METHYL ETHER-2-ACETATE	108-65-6	95 - 100	OSHA PELs: N/A ACGIH TLVs: N/A TWA: N/A

3 HAZARDS IDENTIFICATION

Potential Health Effects, Skin

Absorption may occur through skin.

Potential Health Effects, Eye

Irritating to eyes and mucous membranes.

Potential Health Effects, Inhalation

Prolonged or repeated inhalation may affect the nervous system and cause kidney and liver complaints.

Signs & Symptoms of Short-Term (Acute) Exposure

Irritant.

No health damages are to be expected if product is used appropriately, properly and according to its designation.

Effects of Long-Term (Chronic) Exposure

No health damages are to be expected if product is used appropriately, properly and according to its designation.

4 FIRST AID MEASURES

Skin

Remove all contaminated clothing, shoes, belts, and other leather goods immediately. Wash immediately with soap and water.

Eye

Irrigate thoroughly with large quantities of water. Seek immediate medical attention.

Inhalation

Remove to fresh air and keep warm. Call for a physician.

Ingestion

If ingested, DO NOT induce vomiting; call a physician immediately.

5 FIRE FIGHTING MEASURES

Extinguishing Media

Carbon dioxide, foam, dry chemical.

Basic Fire Fighting Procedures

Full protective equipment including self container breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool tightly closed containers to prevent pressure build-up due to extreme heat.

Unusual Fire & Explosion Hazards

Water may be used to cool tightly closed containers to prevent pressure build-up due to extreme heat. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. Avoid heat, open flames, static electricity, electrical equipment and sparks.

Flash Point 44 °C Method used: closed cup

Autolgnition Temperature 315 °C

Flammability Limits in Air, Lower, % by Volume 1.5

Flammability Limits in Air, Upper, % by Volume 10.8

6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions

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

Spill or Leak Procedure

Remove sources of ignition. Ventilate area. Remove by using suitable inert liquid absorbing material, e.g. kieselgur.

7 HANDLING & STORAGE

Handling

FOR INDUSTRIAL USE ONLY! Use only in well ventilated areas. Keep container tightly closed. Keep away from all sources of ignition. When using do not eat, drink or smoke. Avoid contact with skin and eyes. Do not empty into drains.

Storage

Store in cool ventilated area. Keep container tightly closed when not in use and during transport.

Ventilation

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Personal Protection Equipments (PPE)

Wear chemical safety goggles to prevent eye contact.

Skin Protection: Personal Protection Equipments (PPE)

Gloves, coveralls, apron, boots as necessary to prevent skin contact.

Respiratory Protection: Personal Protection Equipments (PPE)

Local exhaust: Yes

Mechanical Exhaust: Yes

If work place limits are exceeded, a gas mask approved for this particular job must be worn. Its use must be in compliance with all OSHA health and fit testing requirements. Use respiratory protection when spray painting.

General

Wash hands thoroughly before eating, drinking, smoking, or using toilet facilities. Use re-greasing skin cream. Refrain from eating, drinking or smoking near work station.

9 PHYSICAL & CHEMICAL PROPERTIES

Odor and Appearance

Clear liquid. Characteristic odor

Boiling Point	145 °C
Specific Gravity	0.97
Melting Point	n.a.
Percent Volatile	970 grams per liter
Vapor Density	> 1
Solubility In Water	appreciable

10 STABILITY & REACTIVITY

Stability/Incompatibility

Normally stable. Unstable at high temperatures and pressures.
Materials to Avoid: Strong acids, alkalies or oxidizers.

Hazardous Reactions/Decomposition Products

In case of fire, mainly carbon dioxide, carbon monoxide and soot may be formed.

Hazardous Polymerization

Will not occur.

11 TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation, ingestion, skin and eye contact.

Carcinogenicity

NATIONAL TOXICOLOGY PROGRAM: No
IARC MONOGRAPHS: No
OSHA: No

12 ECOLOGICAL INFORMATION

EcoToxicological Information

Dispose of or incinerate in accordance with local, state and federal regulations. Do not allow the quenching water into the sewage system.

13 DISPOSAL CONSIDERATIONS

Waste Disposal

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

14 TRANSPORT INFORMATION

Department of Transportation (DOT) Requirements:

General Transportation Information for Bulk Shipments

Proper Shipping Name Paint Related Material

UN/NA Code 1263

15 REGULATORY INFORMATION

ND = No Data
Material Id

NA = Not Applicable
520

NI = Not Indicated
Trade Name

Printed On 31-Mar-03
THINNER TPV

NFPA Ratings

Health

Flammability

Reactivity

Special Hazards

HMIS Ratings

Health 1

Flammability 2

Reactivity 0

Personal Prot. Equip. C

16 OTHER INFORMATION

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases the data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that users of this material have been fully trained according to the applicable requirements. No warranty, expressed or implied, is made and the supplier will not be liable for any losses, injuries or consequential damages which may result from the use or reliance on any information contained in this form or the use of the material.

Completed On

2/4/2002

Replaces Sheet Dated**Completed By**

TRANS TECH AMERICA, INC.