

**PARAPRIMER (LOW VOC) - 4 X 1 QT / CASE**

Version 4.0

Print Date 11/08/2014

REVISION DATE: 07/08/2012

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : PARAPRIMER (LOW VOC) - 4 X 1 QT / CASE  
 Product code : 533300 504

COMPANY : Tremco Incorporated  
 3735 Green Road  
 Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
 Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST  
 After Hours: Chemtrec 1-800-424-9300

Product use : Adhesive

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Clear. Liquid. May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue.

Eyes : Vapor and/or mist may cause eye irritation. Direct contact may cause temporary redness and discomfort.

Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause moderate irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Prolonged inhalation or ingestion of large amounts of 1-chloro-4-(trifluoromethyl)-benzene may cause liver and kidney damage based on laboratory animal studies. Prolonged and repeated exposure to n-hexane may damage peripheral nerve tissue (that of the arms and legs) and result in muscular weakness and loss of sensation in the extremities (peripheral neuropathy). Overexposure to VM & P naphtha can cause central nervous system depression and anesthesia. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**Target Organs:** Skin, Eye, Lung, Liver, Kidney, Nerve, Reproductive

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Methyl acetate	79-20-9	40.0 - 70.0
Hydrocarbon Resin	NJ TSN# 51721300-7100P	15.0 - 40.0

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Synthetic polymer	NJ TSRN# 51721300-7101P	15.0 - 40.0
Aliphatic Naphtha (Light aliphatic naphtha)	64742-89-8	5.0 - 10.0
Halogenated Aromatic Hydrocarbon	NJ TSRN# 51721300-5382P	3.0 - 7.0
Hexane	110-54-3	3.0 - 7.0
n-Heptane	142-82-5	3.0 - 7.0

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

Inhalation	:	Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact	:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact	:	Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately. Wash with water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	:	Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

**SECTION 5 - FIRE FIGHTING MEASURES**

Flash point	:	-18 °C, 0 °F
Method	:	Not available.
Lower explosion limit	:	1.2 %(V) Solvent
Upper explosion limit	:	16 %(V) Solvent
Autoignition temperature	:	Not available.
Extinguishing media	:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products	:	Smoke, fumes. Carbon monoxide and carbon dioxide can form. Nitrogen oxides can form.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimize pressure build-up.
Fire and explosion conditions	:	Vapor concentrations in enclosed areas may ignite explosively. Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

**SECTION 7 - HANDLING AND STORAGE**

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when



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not in use. Precautions also apply to emptied containers. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Keep container closed when not in use. Vapor may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Store in sealed containers in a cool, dry, ventilated warehouse location.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protection equipment**

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Protective measures : Use professional judgment in the selection, care, and use. Inspect and replace equipment at regular intervals.
- Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Methyl acetate	79-20-9	ACGIH TWA: ACGIH STEL: OSHA PEL:	200 ppm 250 ppm 610 mg/m3	
Hexane	110-54-3	ACGIH TWA: OSHA PEL:	50 ppm 1,800 mg/m3	
n-Heptane	142-82-5	OSHA PEL: ACGIH TWA: ACGIH STEL:	2,000 mg/m3 400 ppm 500 ppm	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Form : Liquid
- Color : Clear
- Odor : Ester
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air

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Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: 57 °C, 135 °F
Water solubility	: Negligible
Specific Gravity	: 0.922
% Volatile Weight	: 65 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid	: Oxidizing agents.Strong acids.Strong bases.
Stability	: Stable under normal conditions. Avoid welding arcs, flames or other high temperature sources.
Hazardous polymerization	: Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Methyl acetate, CAS-No.: 79-20-9	
Acute oral toxicity (LD-50 oral)	3,700 mg/kg ( Rabbit )
Hexane, CAS-No.: 110-54-3	
Acute oral toxicity (LD-50 oral)	24 mg/kg ( Rat ) 49 mg/kg ( Wistar rat ) 43.5 mg/kg ( Rat ) 28,710 mg/kg ( Rat )
Acute inhalation toxicity (LC-50)	48,000 mg/l for 4 h ( Rat ) 48,000 mg/l for 4 h ( Mouse )

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA****CFR / DOT:**

UN1133, Adhesives, 3, PG II

**TDG:**

UN1133, ADHESIVES, 3, PG II

**IMDG:**

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UN1133, ADHESIVES, 3, PG II

**Further Information:**

The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

**SECTION 15 - REGULATORY INFORMATION****North American Inventories:**

All components are listed or exempt from the TSCA inventory.  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : Hexane 110-54-3

SARA 311/312 Hazards : Acute Health Hazard  
Fire Hazard

## OSHA Hazardous Components :

Methyl acetate 79-20-9  
Hexane 110-54-3  
n-Heptane 142-82-5OSHA Status: Considered : Irritant  
hazardous based on the  
following criteria:

OSHA Flammability : IB

Regulatory VOC (less water and : 236 g/l  
exempt solvent)

VOC Method 310 : 13 %

**U.S. State Regulations:**MASS RTK Components : Methyl acetate 79-20-9  
Hexane 110-54-3  
n-Heptane 142-82-5Penn RTK Components : Methyl acetate 79-20-9  
Hydrocarbon Resin NJ TSRN# 51721300-7100P  
Synthetic polymer NJ TSRN# 51721300-7101P  
Aliphatic Naphtha (Light aliphatic naphtha) 64742-89-8  
Halogenated Aromatic Hydrocarbon NJ TSRN# 51721300-5382P  
Hexane 110-54-3  
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Components under California Proposition 65:

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None known.

**SECTION 16 - OTHER INFORMATION****HMIS Rating :**

Health	1
Flammability	3
Reactivity	0
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol****Legend**

ACGIH - American Conference of Governmental Hygienists  
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
 DOT - Department of Transportation  
 DSL - Domestic Substance List  
 EPA - Environmental Protection Agency  
 HMIS - Hazardous Materials Information System  
 IARC - International Agency for Research on Cancer  
 MSHA - Mine Safety Health Administration  
 NDSL - Non-Domestic Substance List  
 NIOSH - National Institute for Occupational Safety and Health  
 NTP - National Toxicology Program  
 OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit  
 RCRA - Resource Conservation and Recovery Act  
 RTK - Right To Know  
 SARA - Superfund Amendments and Reauthorization Act  
 STEL - Short Term Exposure Limit  
 TLV - Threshold Limit Value  
 TSCA - Toxic Substances Control Act  
 TWA - Time Weighted Average  
 V - Volume  
 VOC - Volatile Organic Compound  
 WHMIS - Workplace Hazardous Materials Information System