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Pro-Prime PVC Primer

SECTION 1. PRODUCT NAME

Product Name: Pro-Prime PVC Primer (Purple)
 Catalog No. PP-4, PP-8, PP-16
 Manufacturer: Diversitech
 Address: 6650 Sugarloaf Parkway, Duluth, GA
 CHEM-TEL Phone: (800) 255-3924 – (Chemical Emergencies Only)
 Other Calls (Product Information): (800) 995-2222
 Fax: (678-542-3700)
 Chemical Name: Mixture
 Chemical Family: Solvent
 Chemical Formula: Proprietary
 Prepared By: Anthony Jernigan

SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO	OSHA PEL	ACIGH TLV	OTHER STEL	% or Range
Cyclohexanone	104-94-1	200ppm	200ppm		10-30
Methyl Ethyl Ketone	78-93-3	200 ppm	None		20-50
Tetrahydrofuran	109-99-9	50 ppm	100 ppm	250	20-50

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview: Purple liquid with ether-like odor. Extremely flammable liquid and vapors. May cause irritation to skin, eye, respiratory tract and other mucous membranes.

Potential Health Effects: Routes of exposure include: inhalation, skin absorption, skin contact, eye contact and ingestion.

Eyes: Can cause irritation and permanent eye injury. Symptoms include stinging, tearing, redness and swelling of eyes.

Skin: May cause mild skin irritation. Prolonged or repeated contact may dry the skin and cause dermatitis. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

Ingestion: If ingestion occurs seek medical attention immediately. May cause irritation of nose, throat and can lead to liver and kidney damage. May be fatal if swallowed.

Inhalation: May cause irritation to the nose, throat, mucous membranes and other tissues of the respiratory system. Symptoms include dizziness, drowsiness, fatigue, headache, nausea, coughing and shortness of breath. Overexposure may cause liver and kidney damage.

HEALTH HAZARDS:

Acute: Over exposure to this product can be irritating to the eyes, skin and mucous membranes, and can also cause central-nervous system effects (dizziness, nausea and headaches). Ingestion of this product, or inhalation of high concentrations of this product's vapors, may be fatal.

Chronic: Prolonged or repeated skin exposures can lead to dermatitis. May cause conjunctivitis with prolonged or repeated eye exposure. May cause liver, kidney and reproductive damage.

Medical Conditions Aggravated by Exposure: Pre-existing disorders of the following organs may be aggravated by exposure to this material: skin, lung, liver, kidney.

SECTION 4. FIRST AID

Eyes: Immediately move individual away from exposure into fresh air. Flush eye gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center. Do not induce vomiting.

Inhalation: Move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen; seek medical attention immediately.

SECTION 5. FIREFIGHTING MEASURES

Flash Point: 26°F/-14°C1°F (TCC)

Lower Flammable Limit: 1.8%

Upper Flammable Limit: 12.8%

Extinguishing Media: Foam, carbon dioxide CO2, dry chemical.

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Unusual Fire and Explosion Hazards: Class IB Flammable Liquid. Keep away from sources of heat, sparks or flame. If ignited, may form carbon dioxide and carbon monoxide, various hydrocarbon vapors and toxic gases. Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point.

Special Fire Fighting Precautions: Incipient fire responders should wear eye protection. Firefighter must wear self-contained breathing apparatus and full protective equipment.

SECTION 6. SPILL/ACCIDENTAL RELEASE MEASURES

Spill or Leak: Eliminate all ignition sources (flares, flames including pilot lights electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean metal containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal in accordance with U.S. Federal, State, or local procedures.

SECTION 7. HANDLING AND STORAGE

Handling and Storage Precautions: Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames. If transferring this material to other containers, ground all containers to avoid static electricity buildup and discharge which may ignite flammable vapors.

Other Precautions: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, solid) all hazard precautions given in the data sheet must be observed. Avoid prolonged or repeated contact with skin or clothing.

SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Airborne Exposure Limits: 700 ppm

OSHA Permissible Exposure Limit (PEL): 700ppm (Acetone)

ACGIH Threshold Limit Value (TLV): 700ppm (Acetone)

Respiratory Protection: In confined or poorly ventilated areas, use NIOSH/MSHA approved air respirators. Use only protection authorized in 29 CFR1910.134 or applicable State regulations.

Eye Protection: Splash goggles or safety glasses.

Hand Protection: Wear rubber gloves

Other Protection: Wear protective clothing appropriate for task (coveralls, apron, Tyvek suit)

Specific Engineering Controls (such as ventilation, enclosed process): Use in well ventilated area. Provide ventilation capable of maintaining emissions at the point of use below recommended exposure limits. Mechanical exhaust (explosion proof) may be required. Emergency eye-wash / safety showers are needed where there is the possibility that an employee's eyes may be exposed to this material, the employer should provide an eye-wash fountain/safety shower within the work area for emergency use.

SECTION 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 151°F/66°C

Vapor pressure mm Hg @ 20°F): 143

Evaporation Rate (Butyl Ac = 1): ~8

Solubility in water: Water miscible

Appearance: Mobile purple liquid

Specific gravity (H2O = 1):

Vapor Density (Air = 1): 2.5 @ 70°F

Volatile by Weight: 100%

pH @ 25°C: N/A

Odor: Sweet ether-like odor

SECTION 10. STABILITY AND REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, other hydrocarbons

Hazardous Polymerization: Will not occur under normal conditions of storage and handling.

Incompatibilities: Avoid contact with strong oxidizing agents, strong alkalis and strong acids.

Conditions to Avoid: Heat, incompatible materials.

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SECTION 11. TOXICOLOGY INFORMATION

Sensitization: None of the components of this product are known to cause sensitization.

Suspected Cancer Agent: None of the components of this product are listed as an IARC, NTP or OSHA carcinogen.

Tetrahydrofuran – The National Toxicology Program has reported that exposures of mice and rats to THF vapor levels up to 1800 ppm 6 hr/day, 5 days/week for their lifetime caused an incidence of kidney tumors in male rats and liver tumors in female mice. The significance of these findings for human health are unclear at this time, and may be related to "species specific" effects. Elevated incidences of tumors in humans have not been reported for THF. ACGIH has classified Cyclohexanone and Tetrahydrofuran as "A3", Confirmed Animal Carcinogens with Unknown Relevance to Humans.

Reproductive Toxicity: This product is not reported to produce reproductive effects in humans. Reproductive toxicity data is available for Methyl Ethyl Ketone, Cyclohexanone and Tetrahydrofuran; obtained through clinical studies on test animals exposed to relatively high doses.

Mutagenicity: This product is not reported to produce mutagenic effects in humans. Human mutation data is available for Cyclohexanone; obtained through clinical studies on specific human tissues exposed to relatively high doses. Animal mutation data is available for Methyl Ethyl Ketone and Tetrahydrofuran; obtained through clinical studies on specific animal tissues or micro-organisms exposed to relatively high doses.

Medical Conditions Aggravated By Exposure: Pre-existing disorders of the following organs may be aggravated by exposure to this material: skin, lung, liver, kidney.

Tetrahydrofuran: Oral rat LD50: 1,650 mg/kg

Inhalation rat LC50: 21,000 ppm / 3 hours

Methyl Ethyl Ketone:

Oral rat LD50: 2,737 mg/kg

Skin rabbit LD50: 6,480 mg/kg

Inhalation rat LC50: 23,500 mg/m³ / 8 hours

Cyclohexanone: Oral rat LD50: 1,620 mg/kg

Skin rabbit LD50: 1 mL/kg

Inhalation rat LC50: 8,000 ppm / 4 hours

SECTION 12. ECOLOGICAL INFORMATION

This product is not expected to be toxic to aquatic organisms.

Tetrahydrofuran: 96 hour LC50 fathead minnow: 2160 mg/l

Methyl Ethyl Ketone: 96 hour LC50 values for fish is over 100 mg/l

Cyclohexanone: 96 hour LC50 values for fish is over 100 mg/l

VOC Statement: Maximum VOC emissions when applied and tested per SCAQMD Rule 1168, Test Method 316A: 550 Grams/Liter (g/l)

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. All spent material must be disposed of in accordance with all applicable Federal and State RCRA Regulations. Consult with appropriate regulatory agencies before disposing of waste material. The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method. The unused product is an RCRA hazardous waste if discarded. The RCRA ID number(s) are: D001, D035, F003, F005

EPA Hazard Waste Class:

Ignitable Waste (Methyl Ethyl Ketone content)

Toxic Waste (Methyl Ethyl Ketone content)

SECTION 14. TRANSPORTATION INFORMATION

US DOT: Consumer Commodity (for containers of with a capacity of 1 liter or less), ORM-D

UN1993 Flammable liquid, NOS (Contains cyclohexanone, methyl ethyl ketone and tetrahydrofuran) Class 3 PGII (For containers with a capacity greater than 1 Liter)

INTERNATIONAL

Water, I.M.O.:

Dangerous Goods Description: UN1993 Flammable liquid, NOS (Contains cyclohexanone, methyl ethyl ketone and tetrahydrofuran) Class 3 PGII, Ltd Qty.

Marine Pollutant: No

For Transportation Emergency, refer to 2008 North American Emergency Response Guidebook Number: 127 or 128.

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SECTION 15. REGULATORY INFORMATION

EC Classification: N/A

Labeling

Risk phrases:

R12 Extremely flammable

R20 Harmful by inhalation

R22 Harmful if swallowed

Safety phrases

S2: Keep out of reach of children

S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe, vapor or spray

US EPA:

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA): Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

RQ: 5000 pounds (methyl ethyl ketone; tetrahydrofuran)

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (used for SARA 302, 304, 311, and 312) is not required.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are on the TSCA inventory.

State Right to Know

California Proposition 65: This product contains materials known to the state to cause cancer. We believe that under conditions of proper use, according to label directions, this product presents No Significant Risk Level.

Massachusetts: Hazardous substances and extraordinarily hazardous substances must be identified.

Pennsylvania: Hazardous substances must be identified.

California SCAQMD Rule 443.1 (VOC's): 550 grams/liter

SARA 311/312: Acute: Yes Chronic: Yes Fire: Yes Pressure: No Reactivity: No

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Acetone meets the Canadian WHMIS criteria for classes:

B2: Flammable and combustible material: Flammable liquid

D2A/ 2B- Poisonous and Infectious material-Other Effects: Toxic

FOREIGN INVENTORY STATUS:

Europe: The components of this product are on the EINECS inventory or are exempt from inventory requirements.

Japan: No Data

Canada: Notified Listed DSL

Australia: Notified

SECTION 16. OTHER INFORMATION

NFPA Ratings:

NFPA Classification: Health - 2, Flammability - 3, Reactivity - 1

HMISIII Classification: Health - 2, Flammability - 3, Physical Hazard - 1

Label Hazard Warning: Danger: Extremely Flammable. Avoid breathing vapors. Avoid eye contact and prolonged skin contact. Harmful or fatal if swallowed. Keep out of reach of children. Use only with adequate ventilation. Avoid breathing fumes vapors or mists. Do not take internally. May be harmful or fatal if swallowed.

Label First Aid: For eye contact, rinse the eyes with running water for 15 minutes, lifting the eyelids occasionally to flush the area behind the lid. If irritation persists, get medical attention. For skin contact, wash the affected area with soap and water, then rinse thoroughly with water. Wash contaminated clothing before re-use. For inhalation, remove affected individual to fresh air. If the victim is not breathing, administer artificial respiration. If breathing is difficult, administer oxygen. Get medical attention. If swallowed, do not induce vomiting. Dilute by drinking 3-4 glasses of water or milk, and call the nearest poison control center or the National Poison Control Hotline 1-800-222-1222 for advice.

Product Use: Cleaner/Primer for PVC pipe.

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SECTION 17. ADDITIONAL INFORMATION

This information is provided in accordance with the requirements of the UK Health and Safety at Work Act 1974, and specifically in order to assist users of the product to make their 'assessment of health risks' as required by the UK Control of Substances Hazardous to Health Regulation 1988 (COSHH assessments). Provision of this information does not preclude users from seeking advice from other sources as indicated in the COSHH guides. This information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contra-indications and precautions for the treatment of patients.

SECTION 18. MANUFACTURED FOR

Diversitech
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Phone 1+678.542.3600
EMERGENCY Phone No. 1+ 800-255-3924 Chem-Tel (Chemical Emergencies Only)

SECTION 19. REFERENCE NUMBER AND DATE OF ISSUE

COSHH Safety Data Sheet: PP

Issued: 07/17/2009

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement