1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	PVC Quick Spray Adhesive
SUPPLIER:	Siplast
ADDRESS:	1000 Rochelle Blvd., Irving, TX 75062
24-HOUR EMERGENCY PHONE (CHEMTREC):	800 – 424 – 9300 (N. America & Canada) 800 – 527 – 3887 (International)
INFORMATION ONLY:	800 – 922 – 8800
PREPARED BY:	Corporate EHS

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2A
Target Organ Toxicity (Single exposure), Category 3

Physical:

Flammable Liquids, Category 1
Liquefied Gases

GHS LABEL

SIGNAL WORD: DANGER

HAZARD STATEMENTS

Extremely flammable liquid and vapor.
Contains gas under pressure; may explode if heated.
Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS

Prevention:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting/...] equipment.

Use non-sparking tools.
Take action to prevent static discharges.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER/doctor/...if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
In case of leakage, eliminate all ignition sources.

Storage:

Store in a well-ventilated place. Keep the container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal:

Dispose of contents/container according to local, regional, national, and international regulations.

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: DANGER! Extremely flammable liquid and vapor. Vapor may cause flash fire and explosion. Harmful or fatal if swallowed. Harmful if absorbed through the skin. Pulmonary aspiration hazard. After ingestion, may enter lungs and produce damage. High vapor concentrations may cause drowsiness. Can cause eye, skin and respiratory tract irritation.

POTENTIAL HEALTH EFFECTS

EYES: Can cause severe eye irritation.

SKIN: Causes defatting and skin irritation. Can cause dermatitis.

SKIN ABSORPTION: May be absorbed through the skin in harmful amounts.

INGESTION: Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Harmful or fatal if swallowed.

INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: None known.

MUTAGENICITY: None known.

ROUTES OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, and Skin Contact

TARGET ORGAN STATEMENT: Central Nervous System (CNS)

IRRITANCY: Eyes, nose, throat, respiratory tract, and skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Acetone	55 - 70	67-64-1
Dimethyl Ether	5 - 10	115-10-6
Carbon Dioxide	3 - 7	124-38-9

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: Do not induce vomiting, keep the person warm, quiet and get medical attention immediately. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Aspiration of this material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Liquid and vapor can severely irritate the eyes depending on type of exposure (splash, vapor) and exposure time.

SKIN: Mild to moderate skin irritant.

SKIN ABSORPTION: May be absorbed through the skin and can contribute to overall exposure. Effects are similar to CNS depression.

INGESTION: May result in central nervous system (CNS) depression with symptoms such as headaches, nausea, vomiting, diarrhea, dizziness, incoordination and unconsciousness. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

INHALATION: High vapor concentrations may cause CNS depression with symptoms including light headedness, giddiness, nausea, drowsiness, headache, nose, throat and respiratory tract irritation, reduced appetite, confusion, and unconsciousness.

ACUTE EFFECTS: High vapor concentrations may cause central nervous system (CNS) depression with symptoms including light headedness, giddiness, nausea, drowsiness, headache, nose, throat and respiratory tract irritation, reduced appetite, confusion and unconsciousness.

CHRONIC EFFECTS: Damage to the nervous system of the extremities, peripheral neuropathy, with symptoms including numbness, tingling and weakness in the toes and fingers, sensory impairment to touch, pain, vibration and temperature, muscular weakness, blurred vision, coldness of extremities, loss of body weight and reflexes, and even paralysis. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Class IA

GENERAL HAZARD: Extremely Flammable. Under Pressure.

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Aldehydes

EXPLOSION HAZARDS: Avoid fire, sparks, static electricity and hot surfaces. Liquid readily evaporates at room/ambient temperature. Vapors are invisible, flammable, heavier than air, and may accumulate in low areas and spread long distances. Distant ignition and flashback are possible.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

SENSITIVE TO STATIC DISCHARGE: Likely to catch fire from near-by spark. Static charge may accumulate by flow or agitation. Grounding and bonding of containers is required.

SENSITIVITY TO IMPACT: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide may form when heated to decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters.

Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush the sewer. If the area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE).should participate in spill response and clean-up.

LARGE SPILL: Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Ventilate the area by natural means or by explosion proof mechanical means (i.e. fans). Know and prepare for spill response before using or handling this product.
Eliminate all ignition sources (flames, hot surfaces, portable heaters and sources of electrical, static, or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools and appropriate PPE. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with the body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. Flammable vapors may cause flash fire or ignite explosively. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity or other source of ignition. Explosion may occur causing injury or death.

HANDLING: Use adequate ventilation and appropriate respiratory protection to avoid breathing vapors when cover is removed. Ground and bond all equipment when handling flammable solvent-borne material.

STORAGE: Keep container closed when not in use. Store in a dry, well ventilated area, out of the sun and away from ignition sources. Do not remove or deface the label. Prevent water or moist air from entering the container.

STORAGE TEMPERATURE: 15.5°C (60°F) Minimum to 35°C (95°F) Maximum

SHELF LIFE: 1 year from manufacture date

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m^3**
Acetone	**OSHA PEL**	**TWA**	1000 ppm	2400 mg/m3
		STEL	NL [1]	NL [1]
	ACGIH TLV	**TWA**	500 ppm	1187 mg/m3
		STEL	750 ppm	1780 mg/m3
Dimethyl Ether	**OSHA PEL**	**TWA**	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
	ACGIH TLV	**TWA**	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
Carbon Dioxide	**OSHA PEL**	**TWA**	5000 ppm	9000 mg/m3
		STEL	NL [1]	NL [1]

	ACGIH TLV	**TWA**	5000 ppm	9000 mg/m3
		STEL	30000 ppm	54000 mg/m3
Footnotes: **1**. NL = Not Listed				

ENGINEERING CONTROLS: Provide sufficient explosion proof mechanical (general and/or local exhaust) ventilation to maintain exposure below the occupational exposure limit and exposure concentration.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Wear chemical protective clothing & boots to prevent repeated or prolonged skin contact. Wear impervious gloves, if needed, to prevent repeated or prolonged skin contact.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: Wear chemical resistant gloves, such as nitrile rubber.

WORK HYGIENIC PRACTICES: Use good hygiene practices when handling this material. Wash hands thoroughly after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Aerosol

COLOR: Natural

PERCENT VOLATILE: 74

Notes: by weight

FLASH POINT AND METHOD: -41°C (-91°F)

FLAMMABLE LIMITS: 1.8 to 18.0

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: -41°C (-42°F) to -0.5°C (31.1°F)

FREEZING POINT: Not Available

MELTING POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Not Available

EVAPORATION RATE: > 1.0 (n-Butyl Acetate=1)

DENSITY: 7.21 lbs/gal

SPECIFIC GRAVITY: 0.864

VISCOSITY: Not Available

(VOC): 228.2 gr/L EPA Method 24 VOC
Notes: Photochemically Reactive Only VOC: 69.1 gr/L
OXIDIZING PROPERTIES: Not oxidizing
COMMENTS: 0 lb VHAP/lb Solid
0% by weight HAP

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid fire, sparks, static electricity and hot surfaces.

POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide may form when heated to decomposition.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong acids and strong bases.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD50	DERMAL LD50	INHALATION LC50
Acetone	5800 mg/kg	20000 mg/kg	50100 mg/m3 (8-hr dose)
Dimethyl Ether	No data	No data	164000 ppm (4-hr dose)
Carbon Dioxide	No data	No data	No data

SKIN CORROSION/IRRITATION: Not Applicable

SERIOUS EYE DAMAGE/IRRITATION: Eyes, nose, throat, respiratory tract irritation.

RESPIRATORY OR SKIN SENSITISATION: Not Applicable

GERM CELL MUTAGENICITY: Not Applicable

REPRODUCTIVE TOXICITY: Not Applicable

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This product contains components that will normally float on water. These components may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

ECOTOXICOLOGICAL INFORMATION: Contains components that are potentially toxic to freshwater and saltwater ecosystems.

BIOACCUMULATION/ACCUMULATION: Contains components with the potential to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Liquified Gas, Flammable, N.O.S.

TECHNICAL NAME: contains (Dimethyl Ether, Acetone)

PRIMARY HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: 3161

PACKING GROUP: NA

NAERG: 115

LABEL: FLAMMABLE GAS

MARINE POLLUTANT #1: None

OTHER SHIPPING INFORMATION: Read safety instructions, SDS and emergency procedures before handling

AIR (ICAO/IATA)

SHIPPING NAME: Liquified Gas, Flammable, N.O.S.

TECHNICAL NAME: contains (Dimethyl Ether, Acetone)

UN/NA NUMBER: 3161

PRIMARY HAZARD CLASS/DIVISION: 2.1

PACKING GROUP: NA

LABEL: FLAMMABLE LIQUID

NOTE: Read safety instructions, SDS and emergency procedures before handling.

VESSEL (IMO/IMDG)

SHIPPING NAME: Liquified Gas, Flammable, N.O.S.

TECHNICAL NAME: contains (Dimethyl Ether, Acetone)

UN/NA NUMBER: 3161

PRIMARY HAZARD CLASS/DIVISION: 2.1

PACKING GROUP: NA

NOTE: Read safety instructions, SDS and emergency procedures before handling.

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

Flammable Gas

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Not Regulated

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Acetone	55 - 70	5,000 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS	TSCA SECTION
Acetone	67-64-1	12b,
Dimethyl Ether	115-10-6	
Carbon Dioxide	124-38-9	

CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS): Not Regulated

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Acetone	New Jersey Right to Know List Pennsylvania Right to Know List Massachusetts Toxic Use Reduction Act (TURA) Reportable Chemical
Dimethyl Ether	New Jersey Right to Know List
Carbon Dioxide	New Jersey Right to Know List Pennsylvania Right to Know List

OSHA HAZARD COMM. RULE: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION

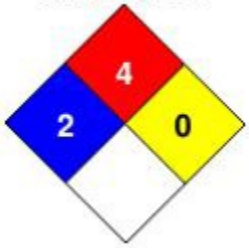
Flammable Gas Toxic

16. OTHER INFORMATION

HMIS RATING

HEALTH	*	2
FLAMMABILITY		4
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS SDS: None. New SDS.

CHANGES SINCE PREVIOUS SDS: New SDS.

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