



## MATERIAL SAFETY DATA SHEET

### Super Wet™

PAVER SAVER COMPANY 4614 MIRABELLA PLACE LUTZ, FL 33558 813-852-1500	ISSUE DATE: JUNE 1, 2007 REVISED NA
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<b>A. TRADE NAME</b>	
SUPER WET PART A CHEMICAL NAME: POLYURETHANE FORMULA: POLYURETHANE DISPERSION	DOT CLASS: NOT REGULATED HMIS: H-2, F-1, R-0
EMERGENCY CONTACT: 24 Hr. 813-852-1500	

<b>B. FIRST AID MEASURES</b>	
EYES	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING LIDS APART. CALL A PHYSICIAN.
SKIN	WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION DEVELOPS AND PERSISTS, SEE A PHYSICIAN. WASH CLOTHES BEFORE REUSE.
INHALATION	REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.
INGESTION	MAY CAUSE GASTROINTESTINAL DISTRESS, IRRITATION ULCERATION. DRINK LARGE QUANTITIES OF WATER. CONSULT A PHYSICIAN.

<b>C. HAZARDS INFORMATION</b>	
<b>FIRE AND EXPLOSION</b> FLASH POINT: > 200°F AUTO IGNITION TEMPERATURE: NA UNUSUAL FIRE AND EXPLOSION HAZARDS: - DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.	

<b>HEALTH</b>	
INHALATION INGESTION	IRRITATION, SENSITIZATION AND DERMATITIS MAY CAUSE GASTROINTESTINAL DISTRESS OR IRRITATION
SKIN	PROLONGED AND REPEATED CONTACT MAY CAUSE IRRITATION AND RESULT IN SENSITIZATION AND ALLERGIC REACTION
EYES	VAPOR MAY CAUSE IRRITATION, REDNESS AND TEARING. LIQUID MAY CAUSE SEVERE IRRITATION WITH POSSIBLE IRREVERSIBLE INJURY.
UNUSUAL CHRONIC TOXICITY PERMISSIBLE CONCENTRATION (AIR)	NONE KNOWN NOT KNOWN

<b>D. PRECAUTIONS/PROCEDURES</b>	
VENTILATION NORMAL HANDLING	GOOD MECHANICAL VENTILATION AND LOCAL EXHAUST. DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT BREATHE VAPORS. KEEP CONTAINERS CLOSED. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.
STORAGE	STORE IN A COOL, DRY AREA AWAY FROM HEAT, STRONG OXIDIZERS. PROTECT FROM DAMAGE
SPILL OR LEAK	ABSORB SPILL WITH SAND, EARTH OR VERMICULITE. CAREFULLY COLLECT INTO CLOSED CONTAINERS FOR DISPOSAL ACCORDING TO FEDERAL, STATE OR LOCAL REGULATIONS.
FIRE EXTINGUISHING PRECAUTIONS: WEAR FULL PROTECTIVE GEAR AND NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS. FIRE EXTINGUISHING AGENTS TO AVOID: SOLID STREAM OF SPLATTERING AND SPREAD HAZARD. SPECIAL PRECAUTIONS/PROCEDURES: COOL CONTAINERS EXPOSED TO FLAME WITH WATER SPRAY.	

<b>E. PERSONAL PROTECTIVE EQUIPMENT</b>	
RESPIRATORY EQUIPMENT	ORGANIC CHEMICAL CARTRIDGE RESPIRATOR, IF NEEDED
EYES	CHEMICAL SPLASH-PROOF GOGGLES
HANDS, ARMS AND BODY	RUBBER OR POLYETHYLENE GLOVES AND FULL BODY COVERING CLOTHING
OTHER CLOTHING AND EQUIPMENT	EYE WASH FOUNTAIN AND SAFETY SHOWER

<b>F. PHYSICAL DATA</b>	
DESCRIPTION: POLYURETHANE DISPERSION BOILING POINT: >200°F VAPOR DENSITY: N/A SOLUBILITY IN WATER: GOOD EVAPORATION RATE: NIL	SPECIFIC GRAVITY: 1.1 VAPOR PRESSURE: NA PH: NA VOC'S: < 50 G/L

**G. REACTIVITY DATA**

STABILITY	STABLE
INCOMPATIBLE MATERIALS	STRONG OXIDIZERS, ACIDS AND ISOCYANATES
HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO <sub>2</sub> , NOT AS A RESULT OF THERMAL DECOMPOSITION
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR

**H. INGREDIENTS (MIXTURES)**

INGREDIENTS	PERCENTAGE	CAS#
A. AMINE	<4 %	TRADE SECRET
B. GLYCOL ETHER	<10%	TRADE SECRET

**I. SECTION II. ACUTE TOXICITY DATA**

NO./ACUTE ORAL LD50	ACUTE DERMAL LD50	ACUTE INHALATION LC50
A. 4,190 MG/KG RAT	>2000 MG/KG RABBIT	NO DATA
B. 1900 MG/KG RAT	3100 MG/KG RABBIT	NO DATA

**J. SECTION III. EXPOSURE LIMITS**

OSHA, ACGIH

NO	PEL/TWA	PEL/CEILING	TLV/TWA	TLV/STEL
A	NO OSHA OR ACGIH LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT			

**K. ENVIRONMENTAL**

BIODEGRADABILITY: NOT KNOWN  
WASTE DISPOSAL METHODS: DISPOSE OF AS HAZARDOUS WASTE IN APPROVED WASTE DISPOSAL FACILITIES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

**L. REFERENCES**

PERMISSIBLE CONCENTRATION REFERENCES: ACGIHTWA, TLV, AND STEL  
REGULATORY STANDARDS: TITLE 49 CFR SECTION 173.118, 172.101  
GENERAL: NIOSH GUIDE TO CHEMICALS

**M. TRANSPORTATION INFORMATION**

Not regulated under current DOT, IMO or ICAO regulations.

**N. STATE REGULATORY INFORMATION**

THE FOLLOWING CHEMICALS ARE SPECIFICALLY LISTED BY INDIVIDUAL STATES; OTHER PRODUCT SPECIFIC HEALTH AND SAFETY DATA IN OTHER SECTIONS OF THE MSDS MAY ALSO BE APPLICABLE FOR STATE REQUIREMENTS. FOR DETAILS ON YOUR REGULATORY REQUIREMENTS YOU SHOULD CONTACT THE APPROPRIATE AGENCY IN YOUR STATE.

**STATE LISTED COMPONENT, PERCENT, STATE CODE**

\*CALIFORNIA PROPOSITION 65 FOOTNOTE: THE CHEMICAL IDENTIFIED IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

**O. ADDITIONAL INFORMATION**

EMPTY CONTAINER HANDLING!  
WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE AND VAPORS.  
OBSERVE ALL LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED.  
DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR CONTAINER.

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## MATERIAL SAFETY DATA SHEET

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PAVER SAVER COMPANY 4614 MIRABELLA PLACE LUTZ, FL 33558 813-852-1500	ISSUE DATE: AUGUST 1, 2007
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<b>A. TRADE NAME</b>
SUPER WET PART B CHEMICAL NAME: CATALYST FORMULA:
EMERGENCY CONTACT: 24 Hr. 813-852-1500

<b>B. FIRST AID MEASURES</b>	
EYES	IF IRRITATION OR REDNESS DEVELOPS, MOVE VICTIM AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES WITH CLEAN WATER. IF SYMPTOMS PERSIST SEEK MEDICAL ATTENTION. FOR DIRECT CONTACT HOLD EYELIDS APART AND FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES.
SKIN	REMOVE CONTAMINATED CLOTHING AND SHOES AND FLUSH AFFECTED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN IS DAMAGED, APPLY A CLEAN DRESSING AND SEEK MEDICAL ATTENTION. IF SKIN SURFACE IS NOT DAMAGED CLEANSE THOROUGHLY WITH MILD SOAP AND WATER. IF REDNESS OR IRRITATION DEVELOPS SEEK MEDICAL ATTENTION.
INHALATION	IF RESPIRATORY SYMPTOMS OR OTHER SYMPTOMS OF EXPOSURE DEVELOP, MOVE VICTIM AWAY FROM SOURCE OF EXPOSURE AND INTO FRESH AIR. IF SYMPTOMS PERSIST, SEEK IMMEDIATE MEDICAL ATTENTION. IF VICTIM IS NOT BREATHING, IMMEDIATELY START ARTIFICIAL RESPIRATION. IF BREATHING, DIFFICULTIES DEVELOP, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL SEEK IMMEDIATE MEDICAL ATTENTION.
INGESTION	THIS MATERIAL IS A POTENTIAL ASPIRATION HAZARD. DO NOT INDUCE VOMITING. IF SWALLOWED SEEK EMERGENCY MEDICAL ATTENTION. IF VICTIM IS DROWSEY OR UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN. IF POSSIBLE, DO NOT LEAVE THE VICTIM UNATTENDED.

### C. INGREDIENTS

01 POLYMERIC HEXAMETHYLENE DISOCYANATE	28182-81-2	>75.0 %
02 HEXAMETHYLENE DIISOCYANATE	822-06-0	<0.25 %

### D. HAZARDS INFORMATION

EYES	THIS MATERIAL MAY CAUSE MILD EYE IRRITATION. DIRECT CONTACT WITH THE LIQUID OR EXPOSURE TO VAPORS OR MISTS MAY CAUSE STINGING, TEARING AND REDNESS. CHRONIC EYE CONTACT MAY RESULT IN CORNEAL OPACITY. PROLONGED VAPOR CONTACT MAY CAUSE CONJUNCTIVITIS.
SKIN	MAY CAUSE SKIN SENSITIZATION, AN ALLERGIC REACTION, WHICH BECOMES EVIDENT ON RE-EXPOSURE TO THIS MATERIAL.
INHALATION	HDI VAPORS OR MIST AT CONCENTRATIONS ABOVE THE TLV CAN IRRITATE THE MUCOUS MEMBRANES IN THE RESPIRATORY TRACT CAUSING RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH AND REDUCED LUNG FUNCTION. PERSONS WITH A PRE-EXISTING, NONSPECIFIC BRONCHIAL HYPERACTIVITY CAN RESPOND TO CONCENTRATIONS BELOW THE TLV WITH SYMPTOMS AS WELL AS ASTHMA ATTACK. EXPOSURE ABOVE THE TLV MAY LEAD TO BRONCHITIS, BRONCHIAL SPASM AND PULMONARY EDEMA. THESE EFFECTS ARE USUALLY REVERSIBLE.
INGESTION	INGESTION OF EXCESSIVE AMOUNTS MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT AND SIGNS OF NERVOUS SYSTEM DEPRESSION. <b>ASPIRATION HAZARD.</b> THIS MATERIAL CAN ENTER THE LUNGS DURING SWALLOWING OR VOMITING CAUSING LUNG INFLAMMATION AND DAMAGE.
CHRONIC HAZARDS	REPEATED EXPOSURES OR A SINGLE LARGE DOSE, CERTAIN INDIVIDUALS MAY DEVELOP ISOCYANATE SENSITIZATION (CHEMICAL ASTHMA) WHICH WILL CAUSE THEM TO REACT TO A LATER EXPOSURE TO ISOCYANATE AT LEVELS BELOW THE TLV. SYMPTOMS INCLUDE CHEST TIGHTNESS, WHEEZING, COUGH, SHORTNESS OF BREATH OR ASTHMA ATTACK CAN BE IMMEDIATE OR DELAYED FOR SEVERAL HOURS AFTER EXPOSURE. CHRONIC OVEREXPOSURE TO ISOCYANATES HAS BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING DECREASE IN LUNG FUNCTION, WHICH MAY BE PERMANENT.
PRIMARY ROUTES(S) OF ENTRY	SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT
*** EMERGENCY OVERVIEW ***	Aspiration hazard if swallowed. Causes eye and skin irritation. Causes skin irritation. May cause allergic skin reaction. Avoid contact with skin and clothing. Wash thoroughly after handling.

## E. FIREFIGHTING MEASURES

### FIRE AND EXPLOSION

FLASH POINT: 375°F  
LOWER EXPLOSIVE LIMIT: NE  
UPPER EXPLOSIVE LIMIT: NE  
(TAGLIABUE CLOSED CUP)  
AUTO IGNITION TEMPERATURE:

EXTINGUISHING MEDIA: DRY CHEMICAL CO2 FOAM WATER FOG

FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY FORCEBLY RUPTURE UNDER EXTREME HEAT WHEN CONTENATS ARE CONTAMINATED WITH WATER (CO2 IS FORMED).

FIREFIGHTING PROCEDURES: WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLULDIN RESPIRATORY PROTECTION AS CONDITIONS WARRANT. STOP SPILL/RELEASE IF IT CAN BE DONE WITHOUT RISK. WATER SPRAY MAY BE USEFUL IN MINIMIZING OR DISPERSING VAPORS AND COOLING EQUIPMENT XPOSED TO HEAT AND FLAMES. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

## F. ACCIDENTAL RELEASE MEASURES

S TEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with an inert absorbent material, then place in a chemical waste container. Avoid runoff into storm sewers and ditches that lead to waterways. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls/Personal Protection Section)

## G. HANDLING AND STORAGE

HANDLING: WASH THOROUGHLY AFTER HANDLING.

STORAGE: USE AND STORE THIS MATERIAL IN COOL, DRY, WELL VENTILATED AREAS AWAY FROM HEAT AND ALL SOURCES OF IGNITION. KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE ONLY IN APPROVED CONTAINERS. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE.

## H. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR TLVS DURING THE USE OF THIS PRODUCT. USE EXPLOSION PROOF VENTILATION EQUIPMENT. FACILITIES STORING OR UTILIZING THIS PRODUCT SHOULD BE EQUIPPED WITH AN EYEWASH FACILITY AND A SAFETY SHOWER.

RESPIRATORY PROTECTION: A 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 SYSTEMS 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.

SKIN PROTECTION: WHERE CONTACT IS LIKELY, WEAR CHEMICAL RESISTANT GLOVES, A CHEMICAL SUIT, RUBBER BOOTS, AND CHEMICAL SAFETY GOGGLES PLUS A FACE SHIELD.

EYE PROTECTION: WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES) AND A FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT: NO INFORMATION.

HYGIENIC PRACTICES: WASH HANDS BEFORE EATING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIAL.

## I. PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: NE

VAPOR DENSITY: IS HEAVIER THAN AIR

ODOR: MILD

ODOR THRESHOLD:

APPEARANCE: MILKY LIQUID

EVAPORATION RATE: IS SLOWER THAN ETHER

SOLUBILITY IN H<sub>2</sub>O: SLIGHT

FREEZE POINT: N.A.

SPECIFIC GRAVITY: 1.05

VAPOR PRESSURE: NE

PH @ 0.0 %:

PHYSICAL STATE: LIQUID

VISCOSITY:

COEFFICIENT OF WATER/OIL DISTRIBUTION:

(SEE SECTION P FOR ABBREVIATION LEGEND)

## J. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: AVOID CONTACT WITH WATER.

INCOMPATIBILITY: THIS PRODUCT IS INCOMPATIBLE WITH WATER, STRONG ACIDS OR BASES, OXIDIZING AGENTS AND SELECTED AMINES.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION MAY YIELD CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES AND VARIOUS HYDROCARBONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

**K. TOXICOLOGICAL PROPERTIES**

NO PRODUCT OR COMPONENT TOXICOLOGICAL INFORMATION IS AVAILABLE.

**L. ECOLOGICAL INFORMATION**

NO INFORMATION.

**M. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS.

**N. TRANSPORTATION INFORMATION**

DOT NON-REGULATED

**O. REGULATORY INFORMATION**

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)  
CERCLA - SARA HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES: NONE

SARA SECTION 313: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME	CAS NUMBER	WT/WT %	IS LESS THAN
			NONE

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS: NO INFORMATION AVAILABLE.

**P. OTHER INFORMATION**

HMIS RATINGS: HEALTH: 2  
FLAMMABILITY: 0  
REACTIVITY: 1

PREVIOUS MSDS REVISION DATE: 01/18/06

LEGEND - N.A. - NOT APPLICABLE, N.E. - NOT ESTABLISHED, N.D. - NOT DETERMINED

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