

Material Safety Data Sheet

Date last revised JANUARY 2006

I. GENERAL INFORMATION		
Chemical Name & Synonyms SILICONE SEALANT	Trade Name & Synonyms Silicoflex Adhesive	
Chemical Family POLYDIMETHYLSILOXANE MIXTURE	Formula MIXTURE	
Proper DOT Shipping CALKING COMPOUND	DOT Hazard Classification NONE	
Manufacturer R.J. Watson, Inc.	Manufacturer's Phone Number 716-691-3301	
Manufacturer's Address 78 John Glenn Drive, Amherst, NY 14228	Chemtrec Phone Number 800-424-9300	
II. INGREDIENTS		
Principal Hazardous Components SILICONE DIOXIDE (CAS # 7631-86-9)	Percent 4%	Threshold Limit Value (Units) 10 Mg/M ³ DUST
METHYL OXIMINO SILANE (CAS # 22984-54-9)	4 %	NONE ESTABLISHED
THIS PRODUCT DOES NOT CONTAIN ANY TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA AND 40 CFR, PART 372.		
HEALTH 1	FLAMMABILITY 0	REACTIVITY 0
III. PHYSICAL DATA		
Boiling Point (°F) N/A	Specific Gravity (H ₂ O = 1) 1.22	
Vapor Pressure (mm Hg.) UNKNOWN	Percent Volatile by Volume (%) < 3%	
Vapor Density (Air = 1) HEAVIER	Evaporation Rate (ETHER = 1) SLOWER	
Solubility in Water INSOLUBLE	pH N/A	
Appearance & Odor SMOOTH PASTE – MILD, SLIGHTLY SOLVENT - LIKE ODOR		
IV. FIRE & EXPLOSION HAZARD DATA		
Flash Point (Test Method) > 220° F.	Auto Ignition Temperature UNKNOWN	
Flammable Limits UNKNOWN	LEL NOT DETERMINED	UEL NOT DETERMINED
Extinguishing Media: DRY CHEMICAL, WATER SPRAY, FOAM, CARBON DIOXIDE		
Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES THAT CONTAIN CHEMICALS.		
Unusual Fire & Explosion Hazards: UNDER FIRE CONDITIONS, IRRITATING OR TOXIC VAPORS MAY BE PRESENT		

V. Health Hazard Data

OSHA Permissible Exposure Limit SEE SECTION II	ACGIH Threshold Limit Value SEE SECTION II
Carcinogen – NTP Program NO	Carcinogen – IARC Program NO
Symptoms of Exposure: VAPORS EMITTED AS THE SEALANT CURES MAY IRRITATE THE EYES, NOSE AND THROAT PARTICULARLY IN AN ENCLOSED OR POORLY VENTILATED AREA. DIRECT CONTACT WITH THE UNCURED PRODUCT MAY IRRITATE THE EYES AND MOUTH.	
Medical Conditions Aggravated By Exposure: PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY ILLNESS OR PRE-EXISTING EYE OR SKIN CONDITIONS.	
Primary Route (s) of Entry: INHALATION AND SKIN OR EYE CONTACT	
Emergency First Aid: INHALATION: MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. SKIN: REMOVE UNCURED MATERIAL AND WASH WITH SOAP AND WATER. EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES. CONSULT A PHYSICIAN. INGESTION: CONSULT A PHYSICIAN IMMEDIATELY.	

VI. REACTIVITY DATA

Stability		Unstable	Conditions to Avoid
	X	Stable	WATER AND HIGH TEMPERATURES
Incompatibility			Materials to Avoid WATER AND STRONG ACID
Hazardous		May Occur	Conditions to Avoid
	X	Will Not Occur	HIGH HUMIDITY AND HIGH TEMPERATURES
Hazardous Decomposition Products: OXIDES OF CARBON, SILOXANE AND POSSIBLY OTHER FUMES WHICH MAY BE TOXIC.			

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: COVER WITH DRY ABSORBENT MATERIAL SUCH AS SAND OR DIRT. PICK UP AND PLACE IN A CONTAINER FOR DISPOSAL.
Waste Disposal Method: LAND FILL OR INCINERATE IN ACCORDANCE WITH FEDERAL, STATE OR LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection NONE NORMALLY REQUIRED	Skin Protection NONE NORMALLY REQUIRED
Respiratory Protection (Specific Type) ORGANIC VAPOR RESPIRATOR IN CONFINED AREAS	Ventilation Recommended LOCAL VENTILATION
Other Protection: SAFETY GLASSES FOR OVERHEAD APPLICATIONS.	

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage: TO PROLONG SHELF LIFE, STORE AT TEMPERATURE BELOW 80° F. WASH HANDS AFTER USE. STORE IN DRY AREA AWAY FROM HEAT.
Precautions For Repair & Maintenance of Contaminated Equipment: SEE SECTION V
Other Precautions:

KEEP OUT OF REACH OF CHILDREN!!!!

Material Safety Data Sheet

Date last revised: June, 2001

I. GENERAL INFORMATION		
Chemical Name & Synonyms AMINE SOLUTION	Trade Name & Synonyms P-200 PRIMER (PART A)	
Chemical Family AMINE	Formula MIXTURE	
Proper DOT Shipping RESIN SOLUTION	DOT Hazard Classification FLAMMABLE LIQUID UN-1866	
Manufacturer R.J.WATSON, INC.	Manufacturer's Phone Number 716-691-3301	
Manufacturer's Address 78 John Glenn Drive, Amherst, NY, 14228	Chemtrec Phone Number 800-424-9300	
II. INGREDIENTS		
Principal Hazardous Components MIBK (CAS #108-10-1)	Percent 30	Threshold Limit Value (Units) 50 PPM
TOLUENE (CAS #108-88-3)	15	100 PPM
THIS PRODUCT CONTAINS TOLUENE AND MIBK WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR, PART 372. THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.		
HEALTH 2	FLAMMABILITY 4	REACTIVITY 0
III. PHYSICAL DATA		
Boiling Point (°F) 230° F.	Specific Gravity (H ₂ O = 1) 1.0	
Vapor Pressure (mm Hg.) UNKNOWN	Percent Volatile by Volume (%) UNKNOWN	
Vapor Density (Air = 1) HEAVIER	Evaporation Rate (ETHER= 1) SLOWER	
Solubility in Water HEAVIER	pH N/A	
Appearance & Odor CLEAR, LIGHT YELLOW LIQUID		
IV. FIRE & EXPLOSION HAZARD DATA		
Flash Point (Test Method) 39° F T. C. C.	Auto Ignition Temperature UNKNOWN	
Flammable Limits	LEL 1 TOLUENE	UEL 7 TOLUENE
Extinguishing Media : WATER FOG, CO ₂ , FOAM AND DRY CHEMICALS		
Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING CHEMICALS.		
Unusual Fire & Explosion Hazards: WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIA BUT HELPFUL IN KEEPING ADJACENT CONTAINERS COOL		

V. Health Hazard Data

OSHA Permissible Exposure Limit SEE SECTION II	ACGIH Threshold Limit Value SEE SECTION II
Carcinogen – NTP Program NO	Carcinogen – IARC Program NO
Symptoms of Exposure: EYE AND SKIN IRRITATION UPON PROLONGED EXPOSURE. RESPIRATORY TRACT IRRITATION. CENTRAL NERVOUS SYSTEM DEPRESSION IN HIGH CONCENTRATIONS. CAN ALSO CAUSE NAUSEA AND VOMITING IN HIGH CONCENTRATIONS. HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HEALTH RISKS WHICH VARY FROM PERSON TO PERSON. MINIMIZE EXPOSURE.	
Medical Conditions Aggravated By Exposure: RESPIRATORY AILMENTS/PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY AILMENTS. PROVIDE ADEQUATE VENTILATION IN CONFINED AREAS. WHEN USING SPRAY APPLICATION USE SELF-CONTAINED BREATHING APPARATUS OR POSITIVE PRESSURE HOSE MASKS, BOTH DURING AND IMMEDIATELY AFTER APPLICATION, UNTIL VAPOR/MIST LEVELS ARE BELOW LIMITS.	
Primary Route (s) of Entry: INHALATION, SKIN CONTACT, EYES	
Emergency First Aid: EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.	

VI. REACTIVITY DATA

Stability	<input type="checkbox"/> Unstable	Conditions to Avoid
	<input checked="" type="checkbox"/> Stable	Conditions to Avoid HEAT, SPARKS, OPEN FLAMES
Incompatibility		Materials to Avoid OXIDIZING AGENTS AND STRONG LEWIS OR MINERAL ACIDS
Hazardous	<input type="checkbox"/> May Occur	Conditions to Avoid
Polymerization	<input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid HEAT, SPARKS, OPEN FLAME
Hazardous Decomposition Products: CO, CO ₂ , AND ACIDS FROM INCOMPLETE COMBUSTION		

VII. ENVIROMENTAL PROTECTION PROCEDURES

Spill Response: SHUT OFF & ELIMINATE ALL IGNITION SOURCES. RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT MATERIAL TO SPILL AREA. MINIMIZE BREATHING VAPORS. KEEP PRODUCT OUT OF SEWERS AND WATER COURSE.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

VIII. SPEICAL PROTECTION INFORMATION

Eye Protection GLASSES OR GOGGLES	Skin Protection IMPERMEABLE GLOVES
Respiratory Protection (Specific Type) NIOSH APPROVED RESPIRATOR IN CONFINED AREAS.	Ventilation Recommended LOCAL EXHAUST
Other Protection: BARRIER CREAM FOR SKIN	

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage: KEEP PRODUCT CONTAINERS COOL, DRY & AWAY FROM SOURCES OF IGNITION. WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING.
Precautions For Repair & Maintenance of Contaminated Equipment: SEE SECTION V & VI.
Other Precautions: USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. KEEP PRODUCT CONTAINERS CLOSED WHEN NOT IN USE.

KEEP OUT OF REACH OF CHILDREN!!!!

Material Safety Data Sheet

Date last revised: June, 2001

I. GENERAL INFORMATION		
Chemical Name & Synonyms EPOXY RESIN SOLUTION	Trade Name & Synonyms P-200 PRIMER (PART B)	
Chemical Family EPOXY	Formula MIXTURE	
Proper DOT Shipping RESIN SOLUTION	DOT Hazard Classification FLAMMABLE LIQUID UN 1866	
Manufacturer R.J. Watson, Inc.	Manufacturer's Phone Number 716-691-3301	
Manufacturer's Address 78 John Glenn Drive, Amherst, N.Y., 14228	Chemtrec Phone Number 800-424-9300	
II. INGREDIENTS		
Principal Hazardous Components	Percent	Threshold Limit Value (Units)
XYLENE (CAS # 1330-20-7)	10	100 PPM
DMP - 30 (CAS # 90-72-2)	< 5	5 PPM
ISOPROPYL ALCOHOL (CAS # 67-63-0)	65	400 PPM
THIS PRODUCT CONTAINS XYLENE WHICH IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION (SARA) OF 1986 AND 40 CFR, PART 372.		
HEALTH 2	FLAMMABILITY 4	REACTIVITY 0
III. PHYSICAL DATA		
Boiling Point (°F) 180° F.	Specific Gravity (H ₂ O = 1) 0.84	
Vapor Pressure (mm Hg.) UNKNOWN	Percent Volatile by Volume (%) 73%	
Vapor Density (Air = 1) HEAVIER	Evaporation Rate (ETHER= 1) SLOWER	
Solubility in Water LIGHTER	pH N/A	
Appearance & Odor: CLEAR, LIGHT AMBER LIQUID		
IV. FIRE & EXPLOSION HAZARD DATA		
Flash Point (Test Method) 34° F. T. C. C.	Auto Ignition Temperature UNKNOWN	
Flammable Limits	LEL 2 XYLENE	UEL 7.0 XYLENE
Extinguishing Media : WATER FOG, CO ₂ , DRY CHEMICAL AND FOAM		
Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING CHEMICALS.		
Unusual Fire & Explosion Hazards: VAPORS MAY TRAVEL OR BE MOVED BY AIR CURRENTS & CAN BE IGNITED BY PILOT LIGHTS, SPARKS, ETC.		

V. Health Hazard Data

OSHA Permissible Exposure Limit SEE SECTION II	ACGIH Threshold Limit Value SEE SECTION II
Carcinogen – NTP Program NO	Carcinogen – IARC Program NO
Symptoms of Exposure: EYE & SKIN IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE DETAMATITIS. CAN ALSO CAUSE RESPIRATORY TRACT IRRITATION & NARCOSIS IN HIGH CONCENTRATIONS. HEALTH STUDIES HAVE SHOWN THAT SOLVENTS POSE POTENTIAL HUMAN HEALTH RISKS WHICH VARY FROM PERSON TO PERSON. MINIMIZE EXPOSURE.	
Medical Conditions Aggravated By Exposure: RESPIRATORY AILMENTS/PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY AILMENTS. PROVIDE ADEQUATE VENTILATION IN CONFINED AREAS. WHEN USING SPRAY APPLICATION USE SELF-CONTAINED BREATHING APPARATUS OR POSITIVE PRESSURE HOSE MASKS, BOTH DURING AND IMMEDIATELY AFTER APPLICATION, UNTIL VAPOR/MIST LEVELS ARE BELOW LIMITS.	
Primary Route (s) of Entry: INHALATION, SKIN CONTACT, EYES	
Emergency First Aid: EYES: WASH WITH WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP AND WATER. INHALATION: IF DIZZINESS OR LIGHT HEADEDNESS OCCURS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATIONS, SEEK FRESH AIR. INGESTION: INDUCE VOMITING IF VICTIM IS CONSCIOUS.	

VI. REACTIVITY DATA

Stability		Unstable	Conditions to Avoid
	X	Stable	Conditions to Avoid: HEAT, SPARKS, OPEN FLAME, WATER & EXPOSURE TO HEAT ABOVE 120° F.
Incompatibility			Materials to Avoid: ISOCYANATES & ORGANOMETALLIC CONTAMINANTS
Hazardous Polymerization		May Occur	Conditions to Avoid
	X	Will Not Occur	Conditions to Avoid: HEAT, SPARKS, OPEN FLAME, WATER & EXPOSURE TO HEAT ABOVE 120° F.
Hazardous Decomposition Products: CO ₂ , CO			

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: SHUT OFF AND ELIMINATE ALL IGNITION SOURCES. RECOVER FREE PRODUCT. ADD SAND, EARTH, OR OTHER SUITABLE ABSORBENT MATERIAL TO SPILL AREA. MINIMIZE BREATHING VAPORS. KEEP PRODUCT OUT OF SEWERS AND WATER COURSE.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection GLASSES OR GOGGLES	Skin Protection IMPERMEABLE GLOVES
Respiratory Protection (Specific Type) ORGANIC VAPOR RESPIRATOR IN CONFINED AREA	Ventilation Recommended LOCAL EXHAUST
Other Protection: BARRIER CREAM FOR SKIN	

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage: KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM SOURCE OF IGNITION. WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING.
Precautions For Repair & Maintenance of Contaminated Equipment: SEE SECTION V & VI
Other Precautions: USE & STORE THIS PRODUCT WITH ADEQUATE VENTILATION. KEEP PRODUCT CONTAINERS CLOSED WHEN NOT IN USE.

KEEP OUT OF REACH OF CHILDREN!!!!