



Safety Data Sheet

J P SPECIALTIES, INC.

Section 1. Identification	
GHS product identifier	: Type NB190® Adhesive
Other means of identification	: Moisture Cure Elastomeric Adhesive
Relevant identified uses of the substance or mixture and uses advised against	
Not available	
Supplier's details	: J P Specialties, Inc., Inc. 25811 Jefferson Avenue Murrieta, CA 92562 Tel.: 951-763-7077 Toll-free: 800-821-3859 Fax: 951-763-7074 Email: jpspec@jpspecialties.com Website URL: www.jpspecialties.com
Emergency telephone number (with hours of operation)	: 951-763-7077 or 800-821-3859 (7 am to 3:30pm Pacific)

Section 2. Hazards Identification	
OSHA/HCS status	: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	: Irritant - Category 2
GHS label elements	
Hazard pictogram	
Signal word	: WARNING
Hazard statements	: Causes skin and serious eye irritation. May cause allergic skin reaction.
Precautionary statements	
General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.



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Prevention	: Avoid release to the environment. Wear protective gloves/protective clothing/eye protection.
Response	: IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take off contaminated clothing and wash it before reuse.
Storage	: Not applicable
Disposal	: Not applicable
Hazards not otherwise classified	: Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3. Composition/ information on ingredients		
Substance/mixture	: Mixture	
Other means of identification	: Not available	
<u>CAS number/other identifiers</u>		
CAS number	: Not applicable	
Product code	: Not available	
Ingredient name	%	CAS number
Amino silane	1-5	1760-24-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures	
<u>Description of necessary first aid measures</u>	
Eye contact	: Flush with large amounts of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.
Inhalation	: An unlikely route of entry. Remove to fresh air. Consult a physician.
Skin contact	: Clean product from affected area with Ethyl alcohol, then wash with soap and water.
Ingestion	: An unlikely route of entry. Consult a physician.



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<u>Most important symptoms/effects, acute and delayed</u>	
<u>Potential acute health effects</u>	
Eye contact	: Direct contact can cause severe irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Direct contact can cause slight irritation.
Ingestion	: May be harmful if ingested. Not a likely route of entry.
<u>Over-exposure signs/symptoms</u>	
Eye contact	: Repeated or prolonged direct contact to eyes may cause chemical burns.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Repeated or prolonged direct contact with skin may cause dermatitis.
Ingestion	: May be harmful if ingested. Call a physician.

<u>Indication of immediate medical attention and special treatment needed, if necessary</u>	
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	
Protection of first-aiders	

Section 5. Firefighting measures	
<u>Extinguishing media</u>	
Suitable extinguishing media	: Water, carbon dioxide, dry chemical, foam.
Unsuitable extinguishing media	: None known
Specific hazards arising from the chemical	: No specific fire or explosion hazard.
Hazardous thermal decomposition products	: Decomposition materials may include the following materials: carbon dioxide; carbon monoxide; sulfur oxides; hydrogen sulfide
Special protective actions for firefighters	: No special measures are required.



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Special protective equipment for firefighters	: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
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Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protective equipment.
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For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
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Environmental precautions	: None require if used according to recommended conditions.
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Methods and materials for contaminant and cleaning up

Spill	: Collect spill with absorbent material such as cardboard; allow to cure and place into container approved for waste disposal.
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Section 7. Handling and storage

Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Avoid eye, skin, and clothing contact.
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Conditions for safe storage, including any incompatibilities	: Store in a cool dry place.
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Section 8. Exposure Controls / Personal Protection

Control parameters

Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
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Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
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Individual protection measures	
Eye/face protection	: Wear safety glasses or goggles to avoid eye contact.
Hand protection	: Wear impervious gloves such as vinyl to minimize contact with skin.
Respiratory protection	: No specific controls are needed.
Section 9. Physical and Chemical Properties	
Appearance	
Physical state	: Paste
Color	: Grey
Odor	: Mild mint scent
Odor threshold	: Not available
pH	: Not available
Melting point	: Not available
Boiling point	: Not available
Flash point	: Not available
Burning time	: Not available
Burning rate	: Not available
Evaporation rate	: Not available
Flammability (solid, gas)	: Not available
Lower and upper explosive (flammable) limits	: Not available
Vapor pressure	: <1
Vapor density	: (AIR=1) >1
Relative density	: Not available
Solubility	: Not water soluble
Solubility in water	: Insoluble
Partition coefficient n-octanol/water	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
SADT	: Not available
Viscosity	: 800,000 cps
% Volatile	: 2.23%



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VOC	: 21.64
Density	: 8.1
Specific gravity	: 0.97
Section 10. Stability and Reactivity	
Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials. Non-reactive or compatible with the following materials: reducing materials, combustible materials, organic materials, metals, acids, alkalis, and moisture.
Hazardous decomposition products	: Thermal decomposition may produce toxic fumes of CO and CO ₂ .

Section 11. Toxicological Information				
Information on toxicological effects				
Acute toxicity				
Product/ingredient name	Result	Species	Dose	Exposure
Amino silane	LD50 Oral LD50 Dermal		>2000 mg/kg >2000 mg/kg	



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<u>Sensitization</u>	
Skin	: Slight irritation
Respiratory	: There is no data available
<u>Mutagenicity</u>	
There is no data available	
<u>Carcinogenicity</u>	
There is no data available	
<u>Reproductive toxicity</u>	
There is no data available	
<u>Teratogenicity</u>	
There is no data available	
<u>Specific target organ toxicity (single exposure)</u>	
There is no data available	
<u>Specific target organ toxicity (repeated exposure)</u>	
There is no data available	
<u>Aspiration hazard</u>	
There is no data available	
Information on the likely routes of exposure	: Not available
<u>Potential acute health effects</u>	
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
<u>Symptoms related to the physical, chemical and toxicological characteristics</u>	
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.



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Ingestion	: No known significant effects or critical hazards.
<u>Delayed and immediate effects and also chronic effects from short and long term exposure</u>	
<u>Short term exposure</u>	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.
<u>Long term exposure</u>	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.
<u>Potential chronic health effects</u>	
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Section 12. Ecological Information	
<u>Toxicity</u>	
There is no data available	
<u>Persistence and degradability</u>	
There is no data available	
<u>Mobility in soil</u>	
Soil/water partition coefficient (K_{oc})	: Not available
Other adverse effects	: No known significant effects or critical hazards.
Section 13. Disposal Considerations	



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Disposal methods	: If this product becomes waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. This product becomes a firm synthetic rubber when cured. Please allow it to cure before disposal.			
Section 14. Transport Information				
	DOT Classification	IMDG	IATA	
UN number	Not regulated	Not regulated	Not regulated	
UN proper shipping name	-	-	-	
Transport hazard class(es)	-	-	-	
Packing group	-	-	-	
Environmental hazards	No.	No.	No.	
Additional information	-	-	-	
Special precautions for user	: Not available			
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not available			
Section 15. Regulatory Information				
U.S. Federal regulations	: TSCA 8(a) CDR Exempt/Partial exemption: Not determined United States inventory (TSCA 8b): All components are listed or exempt.			
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Listed			
Clean Air Act Section 602 Class I Substances	: Not listed			
Clean Air Act Section 602 Class II Substances	: Not listed			
DEA List I Chemicals (Precursor Chemicals)	: Not listed			



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DEA List II Chemicals (Essential Chemicals)	: Not listed					
SARA 302/304						
Composition/information on ingredients						
Name	%	EH S	SARA 302 TPQ (lbs)	SARA 304 RQ (gallons)	(lbs)	(gallons)
No products were found						
SARA 304 RQ	: Not applicable					
SARA 311/312						
Classification	: Not applicable					
SARA 313						
	Product name	CAS number	%			
Form R – Reporting requirements						
Supplier notification						
SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.						
State regulations						
Massachusetts	: Not available					
New York	: Not available					
New Jersey	: Not available					
Pennsylvania	: Not available					
California Prop. 65						



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<p>This product does not contain any chemicals known by the State of California to cause cancer. This product does not contain any chemicals known by the State of California to cause reproductive harm.</p>					
Ingredient name	Cancer	Reproducible	No significant risk level	Maximum acceptable dosage level	
International regulations					
WHMIS Classification : D2B					
International lists	<p>: Australia inventory (AICS): Not determined. China inventory (IECSC): Not determined. Japan inventory: Not determined. Korea inventory: Not determined. Malaysia Inventory (EHS Register): Not determined. New Zealand Inventory of Chemicals (NZIoC): Not determined. Philippines inventory (PICCS): Not determined. Taiwan inventory (CSNN): Not determined.</p>				
Chemical Weapons Convention List Schedule I Chemicals	: Not listed				
Chemical Weapons Convention List Schedule II Chemicals	: Not listed				
Chemical Weapons Convention List Schedule III Chemicals	: Not listed				
Section 16. Other Information					
History					



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Date of issue mm/dd/yyyy	: 09/01/2015
Version	: 2
Revised sections	: 2, 4, 9, 11
Prepared by	: J P Specialties, Inc.
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.