



Safety Data Sheet

Section 1. Identification	
GHS product identifier	: Type NB190®
Other means of identification	: Not Available
<u>Relevant identified uses of the substance or mixture and uses advised against</u>	
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	: Not Classified
<u>GHS label elements</u>	
Signal word	: No signal word
Hazard statements	: No known significant effects or critical hazards.
<u>Precautionary statements</u>	
General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Not applicable



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Response	: Not applicable
Storage	: Not applicable
Disposal	: Not applicable
Hazards not otherwise classified	: None known

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
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≥ 10 - ≥ 25	64742-65-0
Butene, homopolymer (products derived from either/or But-1-ene/ But -2-ene)	≥ 1 - ≥ 3	9003-29-6
Crystalline silica, Respirable powder	≥ 1 - ≥ 3	14808-60-7
Rosin	≥ 0.3 - ≥ 1	8050-09-7
2,6-di-tert-Butyl-p-cresol	≥ 0.3	128-37-0
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	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.



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Skin contact	: Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
Ingestion	: Wash mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
<u>Most important symptoms/effects, acute and delayed</u>	
Potential acute health effects	
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.
Over-exposure signs/symptoms	
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>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	: None known
Protection of first-aiders	: None known
Section 5. Firefighting measures	
<u>Extinguishing media</u>	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.



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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 halogenated compounds metal oxide/oxides
Special protective actions for firefighters	: No special measures are required.
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.
Section 6. Accidental release measures	
<u>Personal precautions, protective equipment and emergency procedures</u>	
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protective equipment.
For emergency responders	: Take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
Environmental precautions	: Not applicable.
<u>Methods and materials for contaminant and cleaning up</u>	
Spill	: Not applicable.
Section 7. Handling and storage	
<u>Precautions for safe handling</u>	
Protective measures	: Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and faces before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures. Remove contaminated clothing and protective equipment before entering eating area.



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Conditions for safe storage, including any incompatibilities	
Means of safe storage	: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
Storage incompatibilities	: None known
Section 8. Exposure Controls / Personal Protection	
Occupational exposure limits	
Ingredient name	Exposure limits
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACGIH TLV (United States, 3/2015). TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction NIOSH REL (United States, 10/2013). TWA: 5 mg/m ³ 10 hours. Form: Mist STEL: 10 mg/m ³ 15 minutes. Form: Mist OSHA PEL (United States, 2/2013). TWA: 5 mg/m ³ 8 hours
Butene, homopolymer (products derived from either/or But-1-ene/ But-2-ene)	None
Crystalline Silica, Respirable powder	OSHA PEL Z3 (United States, 2013) TWA: 250 MPPCF /(%SiO ₂ +5) 8 hours. Form: Respirable TWA: 10 MG/M ³ / (%SiO ₂ +2) 8 hours. Form: Respirable NIOSH REL (United States, 10/2013). TWA: 0.05 mg/m ³ 10 hours. Form: Respirable dust ACGIH TLV (United States, 3/2015). TWA: 0.025 mg/m ³ 8 hours. Form: Respirable fraction
Rosin	None
2,6-di-tert-Butyl-p-cresol	NIOSH REL (United States, 10/2013). TWA: 10 mg/m ³ 10 hours. ACGIH TLV (United States, 3/2015). TWA: 2 mg/m ³ 8 hours. Form: Inhalable fraction and vapor
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	: Not applicable.
Individual protection measures	



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Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the work period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risk involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and Chemical Properties

Appearance	
Physical state	: Solid
Color	: Red
Odor	: Unique odor. (slight)
Odor threshold	: Not available



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pH	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point / range	: 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	: Not available
Vapor density	: Not available
Relative density	: 1.25
Solubility	: Not available
Partition coefficient n-octanol/water	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity	: Not available

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	: Not available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Information on toxicological effects						
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Acute toxicity						
Product/ingredient name	Result	Species	Dose	Exposure		
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LD50 Dermal LD50 Oral	Rabbit Rat	>5000 mg/kg >5000 mg/kg	- -		
Rosin	LD50 Oral	Rat	>5000 mg/kg	-		
2,6-di-tert-Butyl-p-cresol	LD50 Oral	Rat	7600 mg/kg 890 mg/kg	-		
Irritation/Corrosion						
Product/ingredient name	Result	Species	Score	Exposure	Observation	
2,6-di-tert-Butyl-p-cresol	Eyes- Moderate irritation Skin- Moderate irritation	Rabbit Rabbit	- -	24 hours 100 mg 48 hours 500mg	- -	
Carcinogenicity						
Classification						
Product/ingredient name	OSHA	IARC	NTP	ACG IH	EPA	NIO SH
Talc, not containing asbestiform fibres	-	3	-	A4	-	-
Distillates (petroleum), solvent-dewaxed heavy paraffinic	-	-	-	A4	-	-
Crystalline silica, Respirable powder	-	1	Known to be a human carcinogen	A2	-	+
Reproductive toxicity						
There is no data available						
Specific target organ toxicity (single exposure)						
There is no data available						



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Specific target organ toxicity (repeated exposure)						
There is no data available						
Aspiration hazard						
Name	Result					
Butene, homopolymer (products derived from either/ or But-1-ene/But-2-ene	ASPIRATION HAZARD-Category 1					
Information on the likely routes of exposure	: Dermal contact. Eye contact. Inhalation Ingestion.					
Potential acute health effects						
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.					
Symptoms related to the physical, chemical and toxicological characteristics						
Eye contact	: No known significant effects or critical hazards.					



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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>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.					



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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

Toxicity					
Product/ingredient name	Result	Species	Exposure		
2,6-di-tert-Butyl-p-cresol	Acute EC50 1440 µg/L Fresh water	Daphnia-Daphnia pulex-Neonate	48 hours		
Persistence and degradability					
There is no data available					
Bioaccumulative potential					
Product/Ingredient name	LogP_{ow}	BCF	Potential		



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	Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene) Rosin 2,6-di-tert-Butyl-p-cresol	7.6 to 7.8 1.9 to 7.7 5.1	314 to 1882 - 330 to 1800	High high high	
There is no data available					
Mobility in soil					
Soil/water partition coefficient (K_{oc})	: Not available				
Other adverse effects	: No known significant effects or critical hazards.				

Section 13. Disposal Considerations

Disposal methods	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
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Section 14. Transport Information

Not regulated/No Hazards	



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Section 15. Regulatory Information						
Clean Air Act Section 602 Class I Substances						
Clean Air Act Section 602 Class II Substances						
DEA List I Chemicals (Precursor Chemicals)						
DEA List II Chemicals (Essential Chemicals)						
SARA 302/304						
<u>Composition/information on ingredients</u>						
No products were found.						
SARA 304 RQ	: Not applicable					
SARA 311/312						
Classification	: Not applicable					
<u>Composition/information on ingredients</u>						
Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≥10-≥25	No	No	No	No	Yes
Butene, homopolymer (products derived from either /or But-1-ene/But-2-ene)	≥1-≥3	No	No	No	Yes	No
Crystalline silica, Respirable powder	≥1-≥3	No	No	No	No	Yes
Rosin	≥0.3-≥1	No	No	No	Yes	No
2,6-di-tert-Butyl-p-cresol	≥0.3	No	No	No	Yes	No
SARA 313						
There is no data available.						
State regulations						



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Massachusetts	: The following components are listed: Talc, not containing asbestiform fibres; Cellulose; Magnesium carbonate; Crystalline silica, respirable powder				
New York	: None of the components are listed.				
New Jersey	: The following components are listed: Talc, not containing asbestiform fibres; Distillates (petroleum), solvent-dewaxed heavy paraffinic; Cellulose; Magnesium carbonate; Crystalline silica, respirable powder				
Pennsylvania	: The following components are listed: Talc, not containing asbestiform fibres; Distillates (petroleum), solvent-dewaxed heavy paraffinic; Cellulose; Crystalline silica, Respirable dust.				
California Prop 65	WARNING: This product contains a chemical known to the State of California to cause cancer				
Section 16. Other Information					
Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level	



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Crystalline silica, Respirable powder	Yes	No	No	No	
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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.