Revised On 07/27/2015

1 Identification of the substance	and manufacturer
Trade name:	BLACK HT SILICONE COATING
Product code:	EX06161203
Product category	PC9a Paints and coatings.
Manufacturer/Supplier:	Design Engineering 604 Moore Road
	Cleveland, OH 44012
	phone: 800.264.9472 fax: 440.930.7967
Emergency telephone number:	www.DesignEngineering.com CHEMTEL 1-800-255-3924, or 813-248-0585.
Emergency telephone number.	GIEMILE 1-000-255-5924, 01 013-240-0585.
O Henerd(e) identification	
2 Hazard(s) identification	
Classification of the substance or	
Flam. Aerosol 1 H222 Extremely flan	
Press. Gas H280 Contains gas Skin Irrit. 2 H315 Causes skin i	under pressure; may explode if heated.
	damaging fertility or the unborn child.
	owsiness or dizziness.
	amage to organs through prolonged or repeated exposure.
GHS Hazard pictograms	
1 0	< <p></p>
	$\forall \lor \lor \lor$
	GHS02 GHS04 GHS07 GHS08
Signal word	Danger
Hazard statements	Extremely flammable aerosol.
	Contains gas under pressure; may explode if heated. Causes skin irritation.
	Causes serious eve irritation.
	Suspected of damaging fertility or the unborn child.
	May cause drowsiness or dizziness.
Precautionary statements	May cause damage to organs through prolonged or repeated exposure. Obtain special instructions before use.
r recutionary statements	Keep away from heat/sparks/open flames/hot surfaces No smoking.
	Do not spray on an open flame or other ignition source.
	Pressurized container: Do not pierce or burn, even after use.
	Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area.
	Wear protective gloves/protective clothing/eye protection/face protection.
	Do not handle until all safety precautions have been read and understood.
	Wear protective gloves. Do not breathe dust/fume/gas/mist/vapors/spray.
	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 presen
	and easy to do. Continue rinsing.
	Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention.
	If on skin: Wash with plenty of water.
	If eye irritation persists: Get medical advice/attention.
	Take off contaminated clothing and wash it before reuse.
	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
	Store in a well-ventilated place. Keep container tightly closed.
	Dispose of contents/container in accordance with local/regional/national/internationa
	regulations.
	and the set of the set
3 Composition/information on inc	•
Chemical characterization: Mixture Chemical Description:	S This product is a mixture of the substances listed below with nonhazardous additions.
Dangerous components:	
108-88-3 Toluene	25.23%
74-98-6 propane	18.91%
67-64-1 Acetone	16.58%
106-97-8 n-butane	10.30%
7727-43-7 barium sulfate, natural	5.48%
68186-94-7 Iron Manganese Oxide E	
64742-89-8 VM&P Naphtha	3.96%
1330-20-7 xylene (mix)	1.37%
Additional information:	For the wording of the listed risk phrases refer to section 3.
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4 First-aid measures	
After inhalation:	If breathing is difficult, administer oxygen.
	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Immediately wash with water and soap and rinse thoroughly.
After ave contact:	Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: After swallowing:	Rinse opened eye for several minutes under running water. Then consult a doctor. Rinse out mouth and then drink plenty of water.
Alter swallowing.	(Contd. on page 2

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Hinse timportant symptoms and findication of any immediate medical biologication of any immediate medical biologication of any immediate medical biologication of any immediate medical biologication and the symptom and any symptom and any symptom Special hazards: Protective equipment for metry biologication and any symptom and any symptom Protective equipment for metry biologication and any symptom Protective equipment for metry biologication and any symptom Protective equipment for metry protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of times/dustaneos. Use respiratory protective device against the effects of times/dustaneos. Use respiratory protective device against the effects of times/dustaneos. Do not fullsh with water or aqueous effects of times/dustaneos. Do not fullsh with water absorbent material. Refer to section 13 for disposal information. Ensure adequate verification. Dispose contaminated material as waste according to section 13.         7 Handling and storage Precautions for safe handling Storage requirements:       Use only in well ventilated areas. Store locked up.         8 Exposure controls/personal protection Ocinities that iter is use water according to section 13.         9 Facultors for safe handling Storage requirements:       Use only in well ventilated areas. Store locked up.         9 Facultors for safe handling Storage requirements:       Use only in well ventilated areas. Store locked up.         9 Facultors for safe handling Storage requirements:       Use only in well ventilated areas. Store locked up.         9 Facultors for safe handling Storage requirements:       Use only in well ventilated areas. Store locked up.         9 Facultors with limit values 300; 600; ppm	Printing date 07/27/2015 Revised On 07/27/2015			
Hest important symptoms and indication of any immediate medical biologistic and of any immediate medical biologistic and an escape in the second symptom of any immediate medical biologistic and the second symptom of any immediate medical biologistic and the second symptom of any immediate medical biologistic and symptom of any immediate medical biologistic and symptom of any immediate medical biologistic and material for containment and cleaning up: medicate and material as waste according to section 13.       Do not warehouse in subfreezit conditions. Store locked up.         7 Handling and storage Precautions for safe familing Storege requirements:       Los only in well wardialacid areas. Store locked up.       Medicate sunsight. Do not warehouse in subfreezit conditions. Store locked up.         8 Exposure controls/spersonal protection Components with limit value: 300 ppm PEL (USA) Long-term value: 300 mg/m <sup>3</sup> , 100 ppm PEL (USA) Long-term value: 200 mg/m <sup>3</sup> , 100 ppm PEL (USA) Long-term value: 200 mg/m <sup>3</sup> , 100 ppm PEL (USA) Long-term value: 200 mg/m <sup>3</sup> , 100 ppm PEL (USA) Long-term value: 200 mg/m <sup>3</sup> , 1000 ppm PEL (USA) Long-term value: 200 mg/m <sup></sup>	Trade name: BLACK HI TEMP			
Extinguishing agents: Special heards:       CO2, extinguishing powder or water spray. Fight larger fires with water spray. Special heards:         Special heards:       A respiratory protective device may be necessary.         Forestrations, protective equipment and emergency procedures:       Water protective equipment. Keep unprotected persons away, user spray procedures:         Wethods and material for containment and cleaning up:       Do not flush with water or aqueous cleaning agents. Use diluted caustic solution. Ensure adequate ventilation. Draved containment. Refer to section 13 for disposal information. Ensure adequate ventilation. Draved containments:         7 Handling and storage Precautions for safe handling Storage requirements:       Use only in well ventilated areas. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezi conditions. Store locked up.         8 Exposure controls/personal protection       Components with limit values that require monitoring at the workplace: 108-88-3 Toluene         PEL (USA) [cong-term value: 200 ppm Caling limit value: 300 fpm Caling limit value: 300 fpm Caling limit value: 300 fpm Caling limit value: 300 mg/m³, 100 ppm BEI         7 Handling Long-term value: 200 ppm Caling limit value: 300 mg/m³, 100 ppm TuV (USA) [cong-term value: 300 mg/m³, 100 ppm TuV (U	effects: Indication of any immediate medical	Dizziness		
Personal precautions, protective equipment and emergency procedures:       Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.         Methods and material for containment and cleaning up: containment and cleaning up: proceutions for safe handling Storage requirements:       Do not flush with welf or or aqueous cleaning agents. Use diluted caustic solution. Soak proceutions for safe handling Storage requirements:         7 Handling and storage Precautions for safe handling Storage requirements:       Use only in well ventilated areas. Keep away (meson sources of heat and direct sunlight. Do not warehouse in subfreezi conditions. Store locked up.         8 Exposure controls/personal protection Components with limit values 300 ppm Tobump term value: 200 ppm Celling limit values 300 ppm Tobump term value: 375 mg/m³, 100 ppm Tobump term value: 375 mg/m³, 100 ppm TuV (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1900 mg/m³, 200 ppm TuV (USA) Long-term value: 1900 mg/m³, 200 ppm REL (USA) Long-term value: 1900 mg/m³, 1000 ppm REL (USA) Long-term value: 1900 mg/m³, 100 ppm REL (USA) Long-term value: 1900 mg/m³, 100 ppm REL (USA) Long-term value: 355 mg/m³, 100 ppm REL (USA) Long-term value: 35	Extinguishing agents: Special hazards: Protective equipment for	Can form explosive gas-air mixtures.		
Personal precautions, protective equipment and emergency procedures:         Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.           Methods and material for containment and cleaning up: containment and cleaning up: proceedures for safe handling Storage requirements:         Do not flueh with water or aqueous cleaning agents. Use diluted caustic solution. Soak pisoes containment are as waste according to section 13.           7 Handling and storage Procutions for safe handling Storage requirements:         Use only in well ventilated areas. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezi conditions. Store locked up.           8 Exposure controls/personal protection         Components with limit values 100 ppm "Or min peak per 650" ppm "Eff           743-65 Propene         Fel LUSA [USA]         Long-term value: 1800 mg/m³, 1000 ppm REL (USA)         Long-term value: 1800 mg/m³, 1000 ppm "Eff           742-65-7 abutame         Fel LUSA] <th>6 Accidental release measures</th> <th></th>	6 Accidental release measures			
7 Handling and storage Precautions for safe handling Storage requirements:       Use only in well ventilated areas. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezi conditions. Store locked up.         8 Exposure controls/personal protection       Components with limit values that require monitoring at the workplace:         106-88-3 Toiuen       PEL (USA)         PEL (USA)       Long-term value: 200 ppm Celling limit value: 300: 500° ppm T0-min peak per 8-hr shift         REL (USA)       Long-term value: 505 mg/m², 100 ppm BEI         74-98-6 propane       PEL (USA)         PEL (USA)       Long-term value: 75 mg/m², 1000 ppm REL (USA)         10-min peak per 8-hr shift       1000 ppm         74-98-6 propane       PEL (USA)         PEL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         RLV (USA)       Long-term value: 1800 mg/m³, 1000 ppm         RLV (USA)       Long-term value: 250 mg/m³, 1000 ppm         REL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 1787 mg/m³, (750) NIC-500 ppm         9EI       105-97-8 n-butane         REL (USA)       Short-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 1900 mg/m³, 100 ppm         TLV (USA)       Long-term value: 1900 mg/m³, 100 ppm         TLV (USA)       Long-term value: 190 mg/m³, 100 ppm     <	Personal precautions, protective equipment and emergency procedures: Methods and material for	Use respiratory protective device against the effects of fumes/dust/aerosol. Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information. Ensure adequate ventilation.		
Precations for safe handing       Use only in well ventilated areas. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezi conditions. Store locked up.         8 Exposure controls/personal protection         Components with limit values that require monitoring at the workplace: 106-88-3 Toluen         PEL (USA)       Long-term value: 200 ppm Ceiling limit value: 300; 500° ppm T10-min peak per 8-hr shift         REL (USA)       Short-term value: 560 mg/m³, 150 ppm Long-term value: 75 mg/m³, 100 ppm         TVV (USA)       Long-term value: 75 mg/m³, 1000 ppm         PEL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 2400 mg/m³, 1000 ppm         REL (USA)       Long-term value: 2400 mg/m³, 1000 ppm         REL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 2400 mg/m³, 1000 ppm         REL (USA)       Long-term value: 2400 mg/m³, 1000 ppm         REL (USA)       Long-term value: 370 mg/m³, 1000 ppm         REL (USA)       Long-term value: 2300 mg/m³, 250 ppm         TLV (USA)       Short-term value: 370 mg/m³, 1000 ppm         REL (USA)       Long-term value: 370 mg/m³, 1000 ppm         REL (USA)       Long-term value: 370 mg/m³, 1000 ppm         TVV (USA)       Short-term value: 370 mg/m³, 100 ppm         REL (USA)       Long-term value: 375 mg/m³, 100 ppm <th></th> <td></td>				
Components with limit values that require monitoring at the workplace:         108-88-3 Toluene         PEL (USA)         Long-term value: 200 ppm '10-min peak pet 84 hr shift         REL (USA)         Short-term value: 300: 500° ppm Long-term value: 375 mg/m³, 1000 ppm EL (USA)         T4-98-6 propane         PEL (USA)         Long-term value: 1800 mg/m³, 1000 ppm         TLV (USA)         PEL (USA)         PEL (USA)         Long-term value: 2400 mg/m³, 1000 ppm         TLV (USA)         Short-term value: 1782 NIC-1187 mg/m³, (750) NIC-550 ppm         BEI         106-97-8 n-butane         REL (USA)         Short-term value: 177 5*** mg/m³         TLV (USA)         Installable nation: <td <="" colspan="2" th=""><th>Precautions for safe handling</th><th>Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing</th></td>	<th>Precautions for safe handling</th> <th>Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing</th>		Precautions for safe handling	Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing
Components with limit values that require monitoring at the workplace:         108-88-3 Toluene         PEL (USA)       Long-term value: 200 ppm '10-min peak pet 84 nr shift         REL (USA)       Short-term value: 550 mg/m³, 150 ppm Long-term value: 75 mg/m³, 100 ppm         TLV (USA)       Long-term value: 75 mg/m³, 100 ppm         BEI       PEL (USA)       Long-term value: 375 mg/m³, 1000 ppm         TLV (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 2400 mg/m³, 1000 ppm         TLV (USA)       Long-term value: 2400 mg/m³, 1000 ppm         REL (USA)       Long-term value: 500 mg/m³, 250 ppm         TLV (USA)       Long-term value: 500 mg/m³, 250 ppm         TLV (USA)       Short-term value: 1782 NIC-1187 mg/m³, (750) NIC-550 ppm         BEI       BEI         106-97-8 n-butane       REL (USA)         REL (USA)       Long-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 1900 mg/m³, 1000 ppm         TLV (USA)       Long-term value: 1900 mg/m³, 1000 ppm         TLV (USA)       Long-term value: 10° 5** mg/m³         Yotal dust **respirable fraction       TLV (USA)         Long-term value: 10° 5** mg/m³         Yotal dust **respirable fraction         TLV (USA)       Long-term value: 435 mg/m³, 100 ppm	8 Exposure controls/personal prote	action		
108-68-3 Toluene           PEL (USA)         Long-term value: 200 ppm '10-min peak per 8-hr shift REL (USA)           Short-term value: 305 mg/m³, 150 ppm Long-term value: 75 mg/m³, 100 ppm BEI           74-98-6 propane           PEL (USA)           Long-term value: 800 mg/m³, 1000 ppm BEI           74-98-6 propane           PEL (USA)           Long-term value: 1800 mg/m³, 1000 ppm BEI           74-98-6 propane           PEL (USA)           Long-term value: 1800 mg/m³, 1000 ppm REL (USA)           REL (USA)           Long-term value: 2400 mg/m³, 1000 ppm REL (USA)           Long-term value: 2400 mg/m³, 1000 ppm REL (USA)           PEL (USA)           Long-term value: 2400 mg/m³, 1000 ppm REL (USA)           Short-term value: 2400 mg/m³, 1000 ppm REL (USA)           LONg-term value: (1188) NIC-594 mg/m³, (500) NIC-500 ppm BEI           106-97-8 n-butane           REL (USA)           Short-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm BEI           106-97-7 n-butane           REL (USA)           Short-term value: (1189, NIC-594 mg/m³, (500) NIC-250 ppm BEI           106-97-env value: (1188)           Nort-term value: (1188) NIC-594 mg/m³, (500) PIM           TLV (USA)           Short-term value: 370 mg/m³, 1000 ppm           TLV (USA) </th <th>· · · ·</th> <th></th>	· · · ·			
PEL (USA)       Long-term value: 200 ppm '10-min peak per 8-hr shift         REL (USA)       Short-term value: 560 mg/m³, 150 ppm Long-term value: 75 mg/m³, 100 ppm         TLV (USA)       Long-term value: 75 mg/m³, 20 ppm BEI <b>74-98-6 propane</b> PEL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 2400 mg/m³, 1000 ppm         BEI       BEI <b>106-67-8 n-butane</b> BEI         REL (USA)       Long-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm <b>7127-43-7 barium sulfate</b> , natural <b>7127-43-7 barium sulfate</b> , natural         PEL (USA)       Long-term value: 10° 5** mg/m³         TV (USA)       Long-term value: 10° 5** mg/m³         * total dust **respirable fraction       *total dust **respirable fraction         TV (USA)       Long-term value: 10° 5** mg/m³         * total dust **r		<u> </u>		
74-98-6 propane           PEL (USA)         Long-term value: 1800 mg/m³, 1000 ppm           REL (USA)         Long-term value: 1800 mg/m³, 1000 ppm           TLV (USA)         refer to Appendix F <b>67-64-1 Acetone</b> PEL (USA)           PEL (USA)         Long-term value: 2400 mg/m³, 1000 ppm           REL (USA)         Long-term value: 2900 mg/m³, 250 ppm           TLV (USA)         Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm           Long-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm           BEI <b>106-97-8 n-butane</b> REL (USA)           Iong-term value: 1900 mg/m³, 800 ppm           TLV (USA)           Short-term value: 1900 mg/m³, 1000 ppm <b>7727-43-7</b> <i>braium</i> sulfate, natural           PEL (USA)           Long-term value: 15* 5** mg/m³           *total dust **respirable fraction           REL (USA)           Long-term value: 10* 5** mg/m³           *total dust **respirable fraction           TLV (USA)           Long-term value: 5* 5*mg/m³           *total dust **respirable fraction           TLV (USA)           Long-term value: 5* mg/m³           *total dust **respirable fraction           TLV (USA)           <	PEL (USA)       Long-term value: 200 ppm         Ceiling limit value: 300; 500* ppm         *10-min peak per 8-hr shift         REL (USA)         Short-term value: 560 mg/m³, 150 ppm         Long-term value: 375 mg/m³, 100 ppm         TLV (USA)         Long-term value: 75 mg/m³, 20 ppm			
PEL (USA)         Long-term value: 1800 mg/m³, 1000 ppm           REL (USA)         Long-term value: 1800 mg/m³, 1000 ppm           TLV (USA)         refer to Appendix F <b>67-64-1 Acetone</b>				
REL (USA)       Long-term value: 590 mg/m³, 250 ppm         TLV (USA)       Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm         Long-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm         BEI <b>106-97-8 n-butane</b> REL (USA)       Long-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm <b>7727-43-7 barium sulfate, natural</b> PEL (USA)       Long-term value: 10* 5** mg/m³ *total dust **respirable fraction         REL (USA)       Long-term value: 10* 5** mg/m³ *total dust **respirable fraction         TLV (USA)       Long-term value: 5* mg/m³ *total dust **respirable fraction         TLV (USA)       Long-term value: 5* mg/m³ *total dust **respirable fraction         TLV (USA)       Long-term value: 5* mg/m³ *inhalable fraction; E <b>1330-20-7 xylene (mix)</b> PEL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Short-term value: 435 mg/m³, 100 ppm         Long-term value: 651 mg/m³, 150 ppm       Long-term value: 651 mg/m³, 150 ppm         Long-term value: 651 mg/m³, 150 ppm       Long-term value: 651 mg/m³, 150 ppm         Long-term value: 651 mg/m³, 150 ppm       Long-term value: 651 mg/m³, 150 ppm         Long-term value: 651 mg/m³, 150 ppm       Long-term value: 651 mg/m³, 150 ppm	PEL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         TLV (USA)       refer to Appendix F         67-64-1 Acetone			
REL (USA)       Long-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm <b>7727-43-7 barium sulfate, natural</b> PEL (USA)       Long-term value: 15* 5** mg/m³         *total dust **respirable fraction         REL (USA)       Long-term value: 10* 5** mg/m³         *total dust **respirable fraction         TLV (USA)       Long-term value: 5* mg/m³         *total dust **respirable fraction         TLV (USA)       Long-term value: 5* mg/m³         *inhalable fraction; E <b>1330-20-7 xylene (mix)</b> PEL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Short-term value: 655 mg/m³, 150 ppm         Long-term value: 435 mg/m³, 100 ppm       Long-term value: 651 mg/m³, 100 ppm         TLV (USA)       Short-term value: 651 mg/m³, 100 ppm         BEI       Short-term value: 651 mg/m³, 150 ppm         Long-term value: 434 mg/m³, 100 ppm       BEI	REL (USA) Long-term value: 590 mg/m³, 250 ppm TLV (USA) Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm Long-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm BEI			
TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm         7727-43-7 barium sulfate, natural         PEL (USA)       Long-term value: 15* 5** mg/m³ *total dust **respirable fraction         REL (USA)       Long-term value: 10* 5** mg/m³ *total dust **respirable fraction         TLV (USA)       Long-term value: 10* 5** mg/m³ *total dust **respirable fraction         TLV (USA)       Long-term value: 5* mg/m³ *inhalable fraction; E         1330-20-7 xylene (mix)         PEL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Long-term value: 655 mg/m³, 150 ppm         Long-term value: 651 mg/m³, 150 ppm       Long-term value: 651 mg/m³, 150 ppm         TLV (USA)       Short-term value: 651 mg/m³, 150 ppm         BEI       EI		/m3 200 nnm		
T727-43-7 barium sulfate, natural         PEL (USA)       Long-term value: 15* 5** mg/m³ *total dust **respirable fraction         REL (USA)       Long-term value: 10* 5** mg/m³ *total dust **respirable fraction         TLV (USA)       Long-term value: 5* mg/m³ *inhalable fraction; E         1330-20-7 xylene (mix)         PEL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Long-term value: 655 mg/m³, 150 ppm         Long-term value: 655 mg/m³, 150 ppm         Long-term value: 651 mg/m³, 150 ppm         Long-term value: 651 mg/m³, 150 ppm         El (USA)         Short-term value: 651 mg/m³, 150 ppm         Long-term value: 435 mg/m³, 100 ppm         BEI				
PEL (USA)Long-term value: 15* 5** mg/m³ *total dust **respirable fractionREL (USA)Long-term value: 10* 5** mg/m³ *total dust **respirable fractionTLV (USA)Long-term value: 5* mg/m³ *inhalable fraction; E <b>1330-20-7 xylene (mix)</b> PEL (USA)Long-term value: 435 mg/m³, 100 ppm Long-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppmTLV (USA)Short-term value: 651 mg/m³, 100 ppm Long-term value: 434 mg/m³, 100 ppm BEI		אווי, וועט אווו		
*total dust **respirable fractionREL (USA)Long-term value: 10* 5** mg/m³ *total dust **respirable fractionTLV (USA)Long-term value: 5* mg/m³ *inhalable fraction; E <b>1330-20-7 xylene (mix)</b> PEL (USA)Long-term value: 435 mg/m³, 100 ppm Long-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppmTLV (USA)Short-term value: 651 mg/m³, 100 ppm Long-term value: 651 mg/m³, 100 ppm BEI		ng/m3		
TLV (USA)       Long-term value: 5* mg/m³ *inhalable fraction; E         1330-20-7 xylene (mix)         PEL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Short-term value: 655 mg/m³, 150 ppm         Long-term value: 435 mg/m³, 100 ppm         TLV (USA)       Short-term value: 651 mg/m³, 100 ppm         TLV (USA)       Short-term value: 651 mg/m³, 100 ppm         BEI       BEI	*total dust **respirable frac REL (USA) Long-term value: 10* 5** m	*total dust **respirable fraction Long-term value: 10* 5** mg/m³		
<b>1330-20-7 xylene (mix)</b> PEL (USA)       Long-term value: 435 mg/m³, 100 ppm         REL (USA)       Short-term value: 655 mg/m³, 150 ppm         Long-term value: 435 mg/m³, 100 ppm         TLV (USA)       Short-term value: 651 mg/m³, 150 ppm         Long-term value: 434 mg/m³, 100 ppm         BEI	TLV (USA) Long-term value: 5* mg/m <sup>3</sup>	Long-term value: 5* mg/m <sup>3</sup>		
PEL (USA)Long-term value: 435 mg/m³, 100 ppmREL (USA)Short-term value: 655 mg/m³, 150 ppmLong-term value: 435 mg/m³, 100 ppmTLV (USA)Short-term value: 651 mg/m³, 150 ppmLong-term value: 434 mg/m³, 100 ppmBEI				
TLV (USA) Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI	PEL (USA) Long-term value: 435 mg/n REL (USA) Short-term value: 655 mg/r	Long-term value: 435 mg/m³, 100 ppm Short-term value: 655 mg/m³, 150 ppm		
	TLV (USA) Short-term value: 651 mg/r Long-term value: 434 mg/n	/ (USA) Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm		
	· · · · ·	(Contd. on page 3)		

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## Revised C

Trade name: I	rade name: BLACK HI TEMP				
		(Contd. of page 2)			
Ingredient	ts with biological limit v	alues:			
108-88-3 1					
BEI (USA)	0.02 mg/L Medium: blood Time: prior to last shift o Parameter: Toluene 0.03 mg/L Medium: urine	f workweek			
	Time: end of shift Parameter: Toluene				
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with	h hydrolysis (background)			
67-64-1 A					
BEI (USA)	Medium: urine Time: end of shift Parameter: Acetone (no	nspecific)			
1330-20-7	xylene (mix)				
BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippu	ric acids			
	equipment: ection: ction:	<ul> <li>Keep away from foodstuffs and animal feed. Wash hands after use.</li> <li>Immediately remove all soiled and contaminated clothing.</li> <li>Wash hands after use.</li> <li>Store protective clothing separately.</li> <li>Avoid contact with the skin.</li> <li>Avoid contact with the skin.</li> <li>Do not eat or drink while working.</li> <li>A respirator is generally not necessary when using this product outdoors or in large open areas.</li> <li>In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygeine.</li> <li>Protective gloves. The glove material must be impermeable and resistant to the substance.</li> <li>Tightly sealed goggles</li> </ul>			
0 Dhysical					
9 Physical Appearan	and chemical propert	Aerosol.			
Odor three		Not determined.			
pH-value: Melting po Boiling po	oint/Melting range	Not determined. Undetermined. -44 °C (-47 °F)			
Flash poir Flammabi	nt: ility (solid, gas):	-19 °C (-2 °F) Extremely flammable.			
Decompo	sition temperature:	Not determined.			
Auto ignit	ing:	Product is not self-igniting.			
Danger of	explosion:	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50			

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use. In use, may form flammable/explosive vapour-air mixture. 1.5 Vol % Danger of explosion: Lower Explosion Limit: Upper Explosion Limit: 10.9 Vol % Vapor pressure at 20 °C (68 °F): Relative Density: 8300.0 hPa (6226 mm Hg) Between 0.77 and 0.85 (Water equals 1.00) Not determined. Vapour density **Evaporation rate** Not applicable. Partition coefficient: n-octonal/water: Not determined. Solubility: Not determined. Viscosity: Not determined. VOC content:597.5 gVOC content (less exempt solvents):62.5 %MIR Value:1.52 597.5 g/l / 4.99 lb/gl Solids content: 20.7 %

10 Stability and reactivity	
Reactivity:	Stable at normal temperatures.
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability:	Not fully evaluated.
Possibility of hazardous reactions:	No dangerous reactions known.
Incompatible materials:	No further relevant information available.

(Contd. on page 4)

	Page 4/5 Safety Data Sheet	
Printing date 07/27/2015 Trade name: BLACK HI TEMP	Revised On 07/27/2015	
Hazardous decomposition:	No dangerous decomposition products known. (Contd. of page 3)	
11 Toxicological information		
LD/LC50 values that are relevant for	classification:	
106-97-8 n-butane Inhalative LC50/4 h 658 mg/l (rat)		
1330-20-7 xylene (mix)		
Oral LD50 8700 mg/kg (rat) Dermal LD50 2000 mg/kg (rbt) Inhalative LC50/4 h 6350 mg/l (rat)		
Information on toxicological effects	No data available.	
Skin effects: Eye effects: Sensitization:	Irritant to skin and mucous membranes. No irritating effect. No sensitizing effects known.	
Carcinogenic categories	ů –	
IARC (International Agency for Rese		
108-88-3 Toluene	3	
1330-20-7 xylene (mix)	3	
NTP (National Toxicology Program)		
None of the ingredients is listed.		
12 Ecological information	Llazardava far watar, da nat amptu inte draine	
Aquatic toxicity: Persistence and degradability:	Hazardous for water, do not empty into drains. The product is degradable after prolonged exposure to natural weathering processes.	
Other information:	Product does not contain CFC's.	
Bioaccumulative potential: Mobility in soil:	No further relevant information available. No further relevant information available.	
Other adverse effects:	No further relevant information available.	
be disposed of responsibly. Do not hea <b>Recommendation:</b>	at or cut empty containers with electric or gas torches. Completely empty cans should be recycled.	
14 Transport information		
UN-Number DOT	UN1950 N/A	
DOT	Consumer Commodity ORM-D Aerosols, flammable	
ADR Transport hazard class(es):	1950 Aerosols	
Class	2.1	
Marine pollutant: Special precautions for user:	No Warning: Gases	
EMS Number:	F-D,S-Ŭ	
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg	
ADR		
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity	
IMDG		
Limited quantities (LQ)	1L	
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity	
Packaging Group: UN "Model Regulation":	UN1950, Aerosols, 2.1	
15 Regulatory information		
SARA Section 355 (extremely hazard	lous substances):	
None of the ingredients in this product		
SARA Section 313 (Specific toxic chemical listings):		
108-88-3 Toluene	······································	
7727-43-7 barium sulfate, natural		
1330-20-7 xylene (mix)		
CPSC:	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.	
California Proposition 65 chemicals	known to cause cancer:	
100-41-4 ethyl benzene	(Contd. on page 5)	
	(contd. on page 5)	

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1333-86-4 Carbon black		(Contd. of page 4)	
California Proposition 65 chemicals known to cause developmental toxicity:	108-88-3 Toluene		
CANADIAN ENVIRONMENTAL PROTECTION ACT:	67-56-1 Methanol All hazardous ingredients for this product appear on the Canadian Domestice Substance List.		
EPA: 108-88-3 Toluene			
67-64-1 Acetone		I	
7727-43-7 barium sulfate, natural		D, CBD(inh), NL(oral)	
1330-20-7 xylene (mix)		1	
16 Other information			
Contact: Date of preparation / last revision	Regulatory Affairs 07/27/2015 / -		