

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 &amp; 1272/2008/EC Standards



SDS Revision: 1.3

SDS Revision Date: 8/11/2015

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>BLACK LIQUID TAPE SPRAY</b>
1.2	Chemical Name:	NA
1.3	Synonyms:	P/N 65200
1.4	Trade Names:	Performix™
1.5	Product Uses & Restrictions:	Aerosol Adhesive
1.6	Distributor's Name:	Harbor Freight Tools USA, Inc.
1.7	Distributor's Address:	26541 Agoura Road, Calabasas, CA 91302 USA
1.8	Emergency Phone:	<b>CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687)</b>
1.9	Business Phone / Fax:	+1 (805) 388-1000

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<p>This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia).</p> <p><b>DANGER! EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER MAY BURST IF HEATED. MAY BE HARMFUL IF SWALLOWED AND ENTERS AIRWAYS. HARMFUL IF SWALLOWED, IN CONTACT WITH SKIN, OR IF INHALED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION.</b></p> <p>Classification: Aerosol 1; Acute Tox. 4; Asp. Tox. 1; Skin Irrit. 2; Eye Irrit. 2.</p> <p><u>Hazard Statements</u> (H): H222 – Extremely flammable aerosol. H229 – Pressurized container may burst if heated. H304 – May be fatal if swallowed and enters airways. H312 – Harmful in contact with skin. ed. H315 – Causes skin irritation. H319 – Causes serious eye irritation. H332 – Harmful if inhal</p> <p><u>Precautionary Statements</u> (P): P210 – Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. P211 – Do not spray on an open flame or other ignition source. P251 – Do not pierce or burn, even after use. P410+P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °F (122 °F). P261 – Avoid breathing fume/mist/vapors/spray. P264 – Wash thoroughly with soap and water after handling. P270 – Do not eat, drink or smoke when using this product. P271 – Use only outdoors or in a well-ventilated area. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 – IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. P330 – Rinse mouth. P302+P352 – IF ON SKIN: Wash with plenty of soap and water. P321 – Specific treatment – see Section 4 of this Safety Data Sheet. P332+P313 – If skin irritation occurs: Get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it before reuse. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists: get medical advice/attention. P501 – Dispose of contents/container to licenses treatment, storage and disposal facility (TSDF).</p>	 
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## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
PROPANE	74-98-6	KQ6300000	200-578-6	15-40	1000	3000	1000	1800	NF	1000	1900	3300		
	Flam. Gas 1; Press. Gas; H220													
VM & P NAPTHA	64742-89-8		265-192-2	15-40	300	NA	NF	NF	NF	300	NA	NA		
	Carc. 1B; Muta. 1B; Asp. Tox. 1; H350, H340, H304													
HEPTANE, BRANCHED, CYCLIC AND LINEAR	426260-76-6	NA	NA	10-30	400	500	400	1640	NF	500	NA	750		
	Flam. Liq. 2; Skin Irrit. 2; STOT-SE 3; Asp. 1; Aquatic Acute 1; Aquatic Chronic 2; H225, H304, H315, H336, H410													
BUTANE	106-97-8	EJ4200000	203-448-7	7-13	1000	900	800	1900	NF	NA	NA	1900		
	Press. Gas; Flam. Gas 1; H220													
XYLENE	1330-20-7	ZE2100000	215-535-7	5-10	100	150	80	350	655	100	150	900		
	Flam. Liq 3; Acute Tox. 4; Skin Irrit. 2; H226, H312+H332, H315													
METHYL ETHYL KETONE	78-93-3	EL6475000	201-159-0	1-5	200	300	150	445	NF	200	300	3000		
	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3; H225, H319, H336													
METHYL AMYL KETONE	110-43-0	MJ5075000	203-767-1	1-5	50	NA	50	233	NF	100	NA	800		
	Flam. Liq. 3; Acute Tox. 4 *; Acute Tox. 4 *; H226, H332, H302													
ETHYLBENZENE	100-41-4	DA0700000	202-849-4	1-2	100	150	100	434	543	100	150	800		
	Flam. Liq. 2; Acute Tox. 4 *; H225, H332													
CARBON BLACK	1333-86-4	FF5800000	215-609-9	0.1-1	(3.5)	NA	(3.5)	NF	NF	(3.5)	NA	NA		

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> DO NOT INDUCE VOMITING. Contact ChemTrec +1 (800) 424-9300 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p><u>Eyes:</u> If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.</p> <p><u>Skin:</u> Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until after it has been properly cleaned.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek immediate medical attention.</p>																				
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><u>Eyes:</u> Exposure to dust may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><u>Inhalation:</u> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Drowsiness, dizziness, headaches and nausea.</p>																				
4.3	Symptoms of Overexposure:	<p><u>Ingestion:</u> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><u>Eyes:</u> Exposure to dust may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><u>Inhalation:</u> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.</p>																				
4.4	Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of dust can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract.																				
4.5	Chronic Health Effects:	Possible allergic dermatitis in some sensitive individuals.																				
4.6	Target Organs:	Eyes, Skin, Respiratory System, Central Nervous System (CNS).																				
4.7	Medical Conditions Aggravated by Exposure:	<p>Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin) or impaired kidney function may be more susceptible to the effects of this substance.</p> <table><tr><td colspan="3">HEALTH</td><td>2</td></tr><tr><td colspan="3">FLAMMABILITY</td><td>4</td></tr><tr><td colspan="3">PHYSICAL HAZARDS</td><td>1</td></tr><tr><td colspan="3">PROTECTIVE EQUIPMENT</td><td>X</td></tr><tr><td>EYES</td><td>SKIN</td><td>LUNGS</td><td></td></tr></table>	HEALTH			2	FLAMMABILITY			4	PHYSICAL HAZARDS			1	PROTECTIVE EQUIPMENT			X	EYES	SKIN	LUNGS	
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## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	Level 3 Aerosol (NFPA 30B). Aerosols may burst at temperatures above 120 °F. Cool uninvolved containers to prevent possible bursting. Aerosols may be projectile hazards when bursting. If aerosols are bursting, stay clear until bursting is complete. Do not use in presence of open flames or sparks. Do not place in hot water or near radiators, stoves or other sources of heat. Exposure to heat or sunlight may cause cans to burst and propel contents. Water from fog nozzles may be helpful in cooling un-ruptured containers to prevent build-up.	
5.2	Extinguishing Methods:	Water Fog, Foam, Dry Chemical, CO <sub>2</sub>	
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	




## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Avoid breathing mist or vapor. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid contact with skin and clothing. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area.
7.2	Storage & Handling:	Contents under pressure. Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 49 °C/120 °F. Do not handle or store near an open flame, heat or other sources of ignition. Exposure to high temperature may cause can to burst. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).
7.3	Special Precautions:	Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	ACGIH		NOHSC			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		PROPANE	1000	3000	1000	1800	NF	1000	1900	3300	
		VM & P NAPHTHA	300	NA	NF	NF	NF	300	NA	NA	
		HEPTANE, BRANCHED, CYCLIC AND LINEAR	400	500	400	1640	NF	500	NA	750	
		BUTANE	1000	900	800	1900	NF	NA	NA	1900	
		XYLENE	100	150	80	350	655	100	150	900	
		METHYL ETHYL KETONE	200	300	150	445	NF	200	300	3000	
		METHYL AMYL KETONE	50	NA	50	233	NF	100	NA	800	
		ETHYLBENZENE	100	150	100	434	543	100	150	800	
		CARBON BLACK	(3.5)	NA	(3.5)	NF	NF	(3.5)	NA	NA	
8.2	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Wear goggles and/or face shield if splashing or spraying is anticipated. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. Have suitable eye wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).									
8.5	Hand Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.									
8.6	Body Protection:	Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.									

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## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Aerosol, various colors, syrupy liquid
9.2	Odor:	Solvent odor
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	< -17 to 170.5 °C (< 1 to 285 °F)
9.7	Flashpoint:	< - 31.67 °C (- 25 °F)
9.8	Upper/Lower Flammability Limits:	LEL: 0.9% / UEL: 11.5%
9.9	Vapor Pressure:	760 mm Hg @ 20 °C
9.10	Vapor Density:	Heavier than air
9.11	Relative Density:	0.675
9.12	Solubility:	NA
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	VOC: 87.2659%. Evaporation rate > 4.6 (Butyl Acetate = 1)

## 10. STABILITY & REACTIVITY

10.1	Stability:	Stable under normal conditions; unstable with heat or contamination.
10.2	Hazardous Decomposition Products:	Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products. Discard solution.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat, incompatible substances and direct sunlight.
10.5	Incompatible Substances:	Avoid extreme heat and ignition sources. Store away from oxidizers.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but is not presented in this document.		
11.3	Acute Toxicity:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.		
11.4	Chronic Toxicity:	This material may aggravate any pre-existing skin condition (e.g., dermatitis).		
11.5	Suspected Carcinogen:	<u>VM &amp; P Naphtha</u> is listed as IARC Group 2B (Possibly carcinogenic to humans). <u>Ethylbenzene</u> is listed as ACGIH Group A3 (Confirmed animal carcinogen with unknown relevance to human); IARC Group 2B (Possibly carcinogenic to humans); CA65 (cancer). <u>Xylene</u> is listed as IARC Group 3 (Not classifiable as to its carcinogenicity to humans). <u>Carbon Black</u> is listed as IARC Group 2B (Possibly carcinogenic to humans); CA65 (cancer).		
11.6	Reproductive Toxicity:	<u>Ethylbenzene</u> is reported to cause reproductive toxicity in humans		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	There is ample evidence that <u>Xylene</u> produces embryotoxicity and fetotoxicity in mice and rats.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	<u>Ethylbenzene</u> is reported to cause reproductive toxicity in humans		
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There are no specific data available for this product.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.
13.2	Special Considerations:	NA

# SAFETY DATA SHEET

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## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.


14.1	49 CFR (GND):	CONSUMER COMMODITY, ORM-D (IP VOL ≤ 1.0 L) – until 12/31/20 UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	
14.2	IATA (AIR):	CONSUMER COMMODITY, 9, ID8000 (IP VOL ≤ 0.5 L) UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL ≤ 0.5 L)	or
14.3	IMDG (OCN):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	
14.4	TDGR (Canadian GND):	MARK PACKAGE ("LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" ≤ 1.0 L) or UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP ≤ 1.0 L)	
14.5	ADR/RID (EU):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	
14.6	SCT (MEXICO):	UN1950, AEROSOLS, 2.1 (CANT. LTDA., IP VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	

## 15. REGULATORY INFORMATION


15.1	SARA Reporting Requirements:	This product contains <u>Xylene</u> , <u>Methyl Ethyl Ketone</u> and <u>Ethylbenzene</u> , substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	NA
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.
15.4	CERCLA Reportable Quantity (RQ):	<u>Xylene</u> : 45.4 kg (100 lbs); <u>Ethylbenzene</u> : 454 kg (1,000 lbs)
15.5	Other Federal Requirements:	<u>Xylene</u> and <u>Ethylbenzene</u> are listed as Hazardous Air Pollutants (HAPs). <u>Ethylbenzene</u> and <u>Xylene</u> are listed as Toxic Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the CWA. This product does not contain any Class 1 or Class 2 ozone depleters.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. <u>Xylene</u> is listed on the Priorities Substances List. WHMIS Class B5, D2B (Flammable Aerosols, Other Toxic Effects).
15.7	State Regulatory Information:	<p><u>VM&amp;P Naphtha</u> is found on the following state criteria list: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA).</p> <p><u>Propane</u> is found on the following state criteria list: MA, MN, PA, and WA.</p> <p><u>Heptane</u> is found on the following state criteria list: FL, MA, MN, PA and WA.</p> <p><u>Xylene</u> is found on the following state criteria list: FL, MA, MI, MN, NJ, NY, PA, WA and WI.</p> <p><u>Butane</u> is found on the following state criteria list: MA, MN, NJ, PA and WA.</p> <p><u>Methyl Ethyl Ketone</u> is found on the following state criteria list: FL, MA, MN, NJ PA WA and WI.</p> <p><u>Methyl Amyl Ketone</u> is found on the following state criteria list: FL, MA, MN, PA and WA.</p> <p><u>Ethylbenzene</u> is found on the following state criteria list: CA, FL, MA, MN, PA and WA.</p> <p><u>Carbon Black</u> is listed in the following state criteria lists: California Proposition 65 (CA65), MA, MN, NJ, and PA</p> <p>No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).</p> <p><b>WARNING:</b> This product contains a substance(s) known to the State of California to cause cancer, birth defects or other reproductive harm. California law requires this warning be given to customers in the State of California.</p>



## 15. REGULATORY INFORMATION – cont'd

15.8	Other Requirements:	<p>The primary components of this product are listed in Annex I of EU Directive 67/548/EEC.</p> <p><b>Propane:</b> Flammable (F+). <b>Risk Phrases (R):</b> 12 – Extremely flammable. <b>Safety Phrases (S):</b> 2-6-16-53-45 – Keep out of reach of children. Keep cool store below 120 °F (48.8 °C). Keep away from sources of ignition – No smoking. Avoid exposure – obtain special instructions before use. In case of accident or if you feel unwell seek medical advice immediately.</p> <p><b>VM &amp; P Naptha:</b> Toxic (T). <b>Risk Phrases (R):</b> 45-46-65 – May cause cancer. May cause inheritable genetic damage. Harmful may cause lung damage if swallowed. <b>Safety Phrases (S):</b> 53-45 – Avoid exposure – obtain special instructions before use. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).</p> <p><b>Xylene:</b> Harmful (Xn) <b>Risk Phrases (R):</b> 10-20/21-38 – Flammable. Harmful by inhalation and in contact with skin. <b>Safety Phrases (S):</b> (2)-25 – Keep out of reach of children. Avoid contact with eyes.</p> <p><b>Butane:</b> Flammable (F+) <b>Risk Phrases (R):</b> 12 – Extremely flammable. <b>Safety Phrases (S):</b> (2)-9-16 – Keep out of reach of children. Keep container in a well ventilated place. Keep away from sources of ignition – No smoking.</p> <p><b>Methyl Ethyl Ketone:</b> Flammable (F), Irritant (Xi). <b>Risk Phrases (R):</b> 11-36-66-67 – Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness. <b>Safety Phrases (S):</b> 2-9-16 – Keep out of reach of children. Keep container in a well-ventilated place. Keep away from sources of ignition – No smoking.</p> <p><b>Methyl Amyl Ketone:</b> Harmful (Xn) <b>Risk Phrases (R):</b> 10-20/22 – Flammable. Harmful by inhalation and if swallowed. <b>Safety Phrases (S):</b> (2)-24/25 – Keep out of reach of children. Avoid contact with skin and eyes.</p> <p><b>Ethylbenzene:</b> Flammable (F); Harmful (Xn) <b>Risk Phrases (R):</b> 11-20 – Highly flammable. Harmful by inhalation. <b>Safety Phrases (S):</b> (2)-16-24/25-29 – Keep out of reach of children. Keep away from sources if ignition – No smoking. Avoid contact with skin and eyes. Do not empty into drains.</p>	
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## 16. OTHER INFORMATION

16.1	Other Information:	<p><b>DANGER! EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER MAY BURST IF HEATED. HARMFUL IF SWALLOWED, IN CONTACT WITH SKIN, OR IF INHALED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION.</b> Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °F (122 °F). Avoid breathing fume/mist/vapors/spray. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke when using this product. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Dispose of contents/container to licenses treatment, storage and disposal facility (TSDF). Wear protective gloves/protective clothing/eye protection/face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention. <b>KEEP OUT OF REACH OF CHILDREN.</b></p> <p><b>WARNING:</b> This product contains a substance(s) known to the State of California to cause cancer, birth defects or other reproductive harm.</p>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	<p>This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's &amp; Harbor Freight Tools USA, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.</p>	
16.4	Prepared for:	<b>Harbor Freight Tools USA, Inc.</b> 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 <a href="http://www.harborfreight.com/">http://www.harborfreight.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 &amp; 1272/2008/EC Standards

SDS Revision: 1.3

SDS Revision Date: 8/11/2015

## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
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### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>C</b>	Ceiling Limit
<b>ES</b>	Exposure Standard (Australia)
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short-Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>		<b>G</b>	
<b>B</b>		<b>H</b>	
<b>C</b>		<b>I</b>	
<b>D</b>		<b>J</b>	
<b>E</b>		<b>K</b>	
<b>F</b>		<b>X</b>	Consult your supervisor or SOPs for special handling directions.
<div>  Safety Glasses                              Splash Goggles                         </div> <div>  Face Shield &amp; Protective Eyewear                              Gloves                         </div> <div>  Boots                              Synthetic Apron                         </div> <div>  Protective Clothing &amp; Full Suit                              Dust Respirator                         </div> <div>  Full Face Respirator                              Dust &amp; Vapor Half-Mask Respirator                         </div> <div>  Full Face Respirator                              Airline Hood/Mask or SCBA                         </div>			

### OTHER STANDARD ABBREVIATIONS:

<b>ML</b>	Maximum Limit
<b>mg/m3</b>	milligrams per cubic meter
<b>NA</b>	Not Available
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>NR</b>	No Results
<b>ppm</b>	parts per million
<b>SCBA</b>	Self-Contained Breathing Apparatus

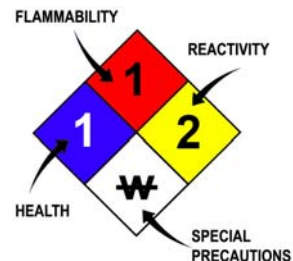
### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>01</sub></b>	Lowest dose to cause a symptom
<b>TCLo</b>	Lowest concentration to cause a symptom
<b>TD<sub>01</sub>, LD<sub>01</sub>, &amp; LD<sub>01</sub> or TC, TC<sub>01</sub>, LC<sub>01</sub>, &amp; LC<sub>01</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)
<b>HMIS-III</b>	National Paint & Coatings Association Hazardous Materials Identification System

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### EC (67/548/EEC) INFORMATION:

C	E	F	N	O	T	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritant	Health Hazard	Environment