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SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 12/24/2015 **1. PRODUCT & COMPANY IDENTIFICATION** Product Name: GOOF OFF[®] Chemical Name NA Synonyms P/N 97555 Trade Names Goof Off® Product Uses & Restrictions Adhesive Remover Distributor's Name Harbor Freight Tools USA, Inc. Distributor's Address: 26541 Agoura Road, Calabasas, CA 91302 USA Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687) Business Phone / Fax: +1 (805) 388-1000 2. HAZARDS IDENTIFICATION Hazard Identification: 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). DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. HARMFUL IN CONTACT WITH SKIN. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. Classification: Flam Liq. 2; Acute Tox. 5; Skin Irrit. 2; Eye Irrit 2A; STOT SE 3 Hazard Statements (H): H225 - Highly flammable liquid and vapor. H312 - Harmful if inhaled. H315 – Causes skin irritation. H319 – Causes serious eye irritation. H332 – Harmful if inhaled. H336 - May cause drowsiness or dizziness. Precautionary Statements (P): P210 - Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. P233 – Keep container tightly closed. P280 – Wear protective gloves/protective clothing/ eye protection/ face protection. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P312 – Call a POISON CENTER/doctor if you feel unwell. P332+P313 – If skin irritation occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for reuse. breathing. 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 irritations persist: Get medical advice/attention. P370+P378 - in case of fire: Use CO₂, Dry Chemical, Alcohol foam, Dry Chemical. Use water spray to cool containers. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF). 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC OSHA ppm ppm ppm ES-ES-ES-STEL CHEMICAL NAME(S) STEL IDI H RTECS No. EINECS No. тιν PFI OTHER CAS No. % TWA STEL PEAK 67-64-1 AL3150000 200-662-2 60-100 1800 NA 1185 2375 NF 2400 NA 2500 ACETONE Flam. Liq. 2; Eye Irrit. 2; STOT SE 3, H225, H319, H336 1330-20-7 ZE2100000 215-535-7 10-30 100 150 80 350 655 100 150 900 XYLENE Flam. Liq 3; Acute Tox. 4; Skin Irrit. 2; H226, H312+H332, H315 DA0700000 202-849-4 150 100 434 543 100-41-4 1-5 100 100 150 800 ETHYLBENZENE Flam. Liq. 2; Acute Tox. 4 *; H225, H332 4. FIRST AID MEASURES First Aid: If ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency Ingestion: number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water Eyes: for at least 15 minutes lifting upper and lower lids, occasionally. Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at Skin: least 15 minutes. Inhalation: Remove victim to fresh air at once. If breathing difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 12/24/2015 4. FIRST AID MEASURES - cont'd 42 Effects of Exposure: If product is swallowed, may cause gastrointestinal disturbance. Ingestion: Exposure to dust may cause eye irritation. Symptoms of overexposure may include redness, itching, Eyes: irritation and watering. May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in Skin: some sensitive individuals. Inhalation: Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Drowsiness, dizziness, headaches and nausea. 4.3 Symptoms of Overexposure: If product is swallowed, may cause gastrointestinal disturbance. Ingestion: Eyes: Exposure to dust may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering. May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in <u>Skin</u>: some sensitive individuals. Inhalation: 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. 44 Acute Health Effects: Non-irritating when used as directed. 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. Chronic Health Effects: 4.5 Non-irritating when used as directed. Possible allergic dermatitis in some sensitive individuals. 46 Target Organs: Eyes, Skin, Respiratory System and Central Nervous System (CNS). 47 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH 2 Aggravated by Exposure: target organs (eyes, skin) or impaired kidney function may be more FLAMMABILITY 3 susceptible to the effects of this substance. **PHYSICAL HAZARDS** 0 **PROTECTIVE EQUIPMENT** Х EYES LUNGS SKIN 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO_X, Hydrocarbons). 5.2 Extinguishing Methods: CO2, Dry Chemical, Alcohol Foam, Dry Chemical. Use water spray to cool containers. Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any 5.3 Firefighting Procedures: 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 fireexposed 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 61 Spills Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., < 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. For large spills (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. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Do not eat, drink or smoke when handling this product. Handle as to avoid puncturing container(s). Wash unintentional residues with soap and warm water. Keep tightly closed when not in use. Avoid contact with skin and clothing. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage. Avoid breathing vapor. Special Precautions: 7.3 Clean all spills promptly. Spilled material may present a slipping hazard.

HARBOR FREIGHT TOOLS Quality Teols at Ridiculously Low Prices

SAFETY DATA SHEET

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		IOHSC, WHMIS, 2001/58 & 1272/2008/I		aluə		303 Ke	vision: 1.0	·		nsion Da	te: 12/24/2015	
		8. EXPOSURE CONT	ROL	S & I	PERSC		PROTE	СТІС	N			
.1	Exposure Limits:		AC			NOHSC			OSHA		OTHER	
	ppm (mg/m ³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES- PEAK	PEL	STEL	IDLH		
		ACETONE	1800	NA	1185	2375	NF	2400	NA	2500		
		XYLENE	100	150	80	350	655	100	150	900		
		ETHYLBENZENE	100	150	100	434	543	100	150	800		
.2	Ventilation & Engineering Controls:	General mechanical (e.g., fans) exhaust ventilation to effectively product. Ensure appropriate dec	remov	e and p	prevent bu	ildup of v	apors or i	mist ge	nerated	from t	he handling of t	
3.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. In instances where mist or vapors of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.										
3.4	Eye Protection:											
8.5	Hand Protection:	Use gloves constructed of chem frequent or prolonged contact is appropriate standards of Canada	expecte	d. If ne	cessary, re	efer to U.S						
3.6	Body Protection:	Avoid prolonged and/or repeated neoprene or Tyvek [®]) if splashir include long-sleeves, apron, boo standards of Canada, the EU me	d skin c ig or s ts and a	ontact. oraying addition	Use clear conditions al facial pr	and imposed are presented are presented are presented are presented and a section of the presented are presented at the presented are presented at the presente	sent. Prote	ective c	lothing	should		
).1	Appearance: Odor:	9. PHYSICAL Liquid, water white to clear Solvent like	a Ci			RUPE	RIIE9					
22	0001.											
	Odor Threshold											
.3	Odor Threshold:	NA										
.3 .4	pH:	NA NA										
.3 .4 .5	pH: Melting Point/Freezing Point:	NA NA NA										
.3 .4 .5 .6	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range:	NA NA NA 65.5 °C (150 °F)										
.3 .4 .5 .6	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint:	NA NA NA										
.3 .4 .5 .6	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range:	NA NA NA 65.5 °C (150 °F)										
.3 .4 .5 .6 .7 .8	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability	NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash										
.3 .4 .5 .6 .7 .8 .9	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits:	NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA										
.3 .4 .5 .6 .7 .8 .9 .10	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure:	NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND										
.3 .4 .5 .6 .7 .8 .9 .10 .11	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density:	NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1										
.3 .4 .5 .6 .7 .8 .10 .11 .12	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021										
.3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight										
1.3 1.4 1.5 1.6 1.7 1.8 1.9 1.10 1.11 1.12 1.13 1.14	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P _{cw}):	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight NA										
0.3 0.4 0.5 0.6 0.7 0.7 0.8 0.10 0.11 0.12 0.13 0.14 0.15	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight NA NA										
0.3 0.4 0.5 0.6 0.7 0.7 0.8 0.10 0.11 0.12 0.13 0.14 0.15 0.16	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight NA NA NA										
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0.3 0.4 0.5 0.6 0.7 0.8 0.10 0.11 0.12 0.13 0.14 0.15 0.14 0.15 0.14 0.15 0.16	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P _{cw}): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight NA NA NA VA VOC: 20% w/w (161 g/L)										
0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.10 0.11 0.12 0.13 0.14 0.15 0.16 0.17 0.10	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight NA NA NA VA VA VA VA VA VA VA VA NA VA VA VOC: 20% w/w (161 g/L)	Instable	with he	eat or cont	amination.		. Will r	not deg	rade to	unstable produc	
0.3 0.4 0.5 0.6 0.7 0.8 0.10 0.11 0.12 0.13 0.14 0.15 0.16 0.17 0.11 0.12 0.11 0.12 0.10 0.11 0.2	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight NA NA NA VA VA NA Slight NA VA Stable under normal conditions; u Change in color signifies expose	Instable	with he	eat or cont	amination.		. Will r	not deg	rade to	unstable produc	
$\partial_{2}2$ $\partial_{3}3$ $\partial_{4}4$ $\partial_{5}5$ $\partial_{6}6$ $\partial_{7}7$ $\partial_{8}8$ $\partial_{9}9$ $\partial_{1}10$ $\partial_{1}12$ $\partial_{1}13$ $\partial_{1}14$ $\partial_{1}15$ $\partial_{1}16$ $\partial_{1}17$ $ 0.11 $ $ 0.2 $ $ 0.3 $ $ 0.4 $	pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:	NA NA NA 65.5 °C (150 °F) -20 °C (-4 °F) Setaflash NA ND >1 0.797-0.8021 Slight NA NA NA VA Slight NA VA Stable under normal conditions; u Change in color signifies expos Discard solution.	unstable ure to ι	with he	eat or conta et light or	amination. exceeding	g shelf life	. Will r	not deg	rade to	unstable produc	

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

SDS Revision: 1.0

SDS Revision Date: 12/24/2015

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		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES 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 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 ca 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:	Ethylbenzene: IARC 2B (possible human carcinogen). Xylene: IARC Group 3 (not classifiable as to its carcinogenicit humans); ACGIH A4 (not classifiable as a human carcinogen).
11.6	Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	There is ample evidence that <u>Xylene</u> produces embryotoxicity and fetotoxicity in mice and rats.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects 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
		14. TRANSPORTATION INFORMATION
		nber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additic e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.
14.1	49 CFR (GND):	UN1263, PAINT RELATED MATERIAL, 3, II, (LTD QTY, IP ≤ 1.0 L) or CONSUMER COMMODITY, ORM-D – until 01/01/2021
14.2	IATA (AIR)*:	ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L) UN1263, PAINT RELATED MATERIAL, 3, II (LTD QTY, IP ≤ 1.0 L)
14.3	IMDG (OCN):	UN1263, PAINT RELATED MATERIAL, 3, II, (LTD QTY, IP VOL ≤ 1.0 L)
14.4	TDGR (Canadian GND):	UN1263, PAINT RELATED MATERIAL, 3, II, (LTD QTY, IP VOL ≤ 1.0 L); or "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L)
14.5	ADR/RID (EU):	UN1263, PAINT RELATED MATERIAL, 3, II, (LTD QTY, IP VOL ≤ 1.0 L)
14.6	SCT (MEXICO):	UN1263, PINTURA MATERIAL RELACIONADO, 3, II, (CANTIDAD LIMITADA, IP VOL ≤ 1.0 L)
14.7	ADGR (AUS):	UN1263, PAINT RELATED MATERIAL, 3, II, (LTD QTY, IP VOL ≤ 1.0 L)
	l	I ▼
		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product contains <u>Xylene</u> and <u>Ethylbenzene</u> , substances subject to SARA Title III, Section 313 report requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
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>Acetone</u> : 2,270 kg (5,000 lbs); <u>Xylene</u> : 45.4 kg (100 lbs); <u>Ethylbenzene</u> : 454 kg (1,000 lbs)
15.5	Other Federal Requirements:	Xylene and Ethylbenzene are listed as Hazardous Air Pollutants (HAPs). Ethylbenzene and Xylene are listed as Toxi Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the CWA.

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

SDS Revision: 1.0 SDS Revision Date: 12/24/2015

		15. REGULATORY INFO	RMATION – cont'd
15.6	Other Canadian Regulations:	This product has been classified according to the	
10.0		all of the information required by the CPR. Th DSL/NDSL. <u>Xylene</u> is listed on the Priorities Subs Liquids, Other Toxic Effects).	e components of this product are listed on the
15.7	State Regulatory Information:	Quality Management List (DE), Massachusetts Ha (MN), New Jersey Right-to-Know List (NJ), New Y (PA), Washington Permissible Exposures List (WA <u>Xylene</u> is found on the following state criteria <u>Ethylbenzene</u> is found on the following state criteria No other ingredients in this product, present in a c criteria lists: California Proposition 65 (CA65), D List (FL), Massachusetts Hazardous Substances L Substances List (MN), New Jersey Right-to-Know Right-to-Know List (PA), Washington Permissible WARNING: This product contains <u>Xylene</u> and <u>Ethy</u> birth defects or other reproductive harm. Califor California.	FL, MA, MI, MN, NJ, NY, PA, WA and WI. ia list: CA, FL, MA, MN, PA and WA. oncentration of 1.0% or greater, are listed on any of the following state elaware Air Quality Management List (DE), Florida Toxic Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous / List (NJ), New York Hazardous Substances List (NY), Pennsylvania Exposures List (WA), Wisconsin Hazardous Substances List (WI). ylbenzene, chemicals known to the State of California to cause cancer, mia law requires this warning be given to customers in the State of
15.8	Other Requirements:	The primary components of this product are listed in <u>Acetone</u> : Highly Flammable (F+). <u>Risk Phrases</u> eyes. Repeated exposure may cause skin drynese dizziness. <u>Safety Phrases</u> (S): 9-16-23-33 - Keep from sources of ignition - No smoking. Do n precautionary measures against static discharges. <u>Xylene</u> : Harmful (XN). <u>Risk Phrases</u> (R): 10-20/2 contact with skin. Irritating to skin. <u>Safety Phrase</u> contact with eyes.	 (R): 11-36-66-67 – Highly flammable. Irritating to s or cracking. Vapors may cause drowsiness and p container in a well-ventilated place. Keep away ot breathe gas, fumes, vapor or spray. Take 1-38 – Flammable. Harmful by inhalation and in
		16. OTHER INFO	RMATION
16.1	Other Information:	SKIN. CAUSES SKIN IRRITATION. CAUSES DIZZINESS. Use only as directed. Keep away fr No smoking. Do not pierce or burn, even after or protection. Use only as directed. Do not breathe seek medical advice immediately and show this of KEEP LOCKED UP AND OUT OF REACH OF CH	VAPOR. HARMFUL IF INHALED. HARMFUL IN CONTACT WITH S SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR om heat, hot surface, sparks, open flames and other ignition sources. use. Wear protective gloves/protective clothing/ eye protection/ face fumes. Avoid contact with skin. If swallowed, do not induce vomiting: container or label where possible. Avoid release to the environment. HILDREN.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OS government regulations must be reviewed for app Tools USA, Inc.'s knowledge, the information c accuracy, suitability or completeness is not guara provided. The information contained herein related	SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other blicability to this product. To the best of ShipMate's & Harbor Freight ontained herein is reliable and accurate as of this date; however, nteed and no warranties of any type, either expressed or implied, are es only to the specific product(s). If this product(s) is combined with e considered. Data may be changed from time to time. Be sure to
16.4	Prepared for:	Harbor Freight Tools USA, Inc. 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 http://www.harborfreight.com	HARBOR FREIGHT TOOLS Quality Tools at Ridiculously Low Prices
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	

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SDS Revision: 1.0

SDS Revision Date: 12/24/2015

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:

CAS No. Chemical Abstract Service Number

EXPOSURE	LIMITS IN AIR:
ACGIH	American Conference on Governmental Industrial Hygienists
С	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
FIRST AID M	EASURES:

Cardiopulmonary resuscitation - method in which a person whose heart has CPR stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-	S-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:								
0	Minimal Hazard		HEALTH						
1	Slight Hazard		FLAMMABILITY						
2	Moderate Hazard		PHYSICAL HAZARDS						
3	Severe Hazard		PERSONAL PROTECTION						
4	Extreme Hazard								

PERSONAL PROTECTION RATINGS:

ppm parts per million

FLAMMABILITY LIMITS IN AIR:

Autoignition Temperature

LEL UEL

SCBA Self-Contained Breathing Apparatus NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

source of ignition

Α						G				3	
В						Н					8
С	0		E.			I		F		2	
D	(Fr		E.			J	0	(I)			
Е	0					κ		(I)			
F			E-F			X	Consult special I				
Sa	fety Glasse	es	Splash	Goggles	F		e Shield &		Gloves		
	Boots		Syntheti	c Apron	F		tive Cloth	ing	Dust F	Resp	irator
			8	3					I		
Full I	Face Respir	rator	Dust & Va Mask Re	apor Half-		Full Face Respirator			Airline Hood/Mask or SCBA		
отн	ER STAN	DARD		•	S:						
	ML	Maxim	um Limit								
	mg/m3	milligra	ams per cu	ibic meter							
	NA	Not Av	ailable								
	ND	Not De	etermined								
	NE	Not Es	tablished								
	NF	Not Fo	ound								
	NR	No Re	sults								

Minimum temperature required to initiate combustion in air with no other

Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

Upper Explosive Limit - highest percent of vapor in air, by volume, that will

explode or ignite in the presence of an ignition source

Explosive

Flammable

Oxidizer

Pressurized

Corrosive

Toxic

HAZARD												
	-	nal Haz	zard					FL	AMN.	ABILITY		
		Haza									R	EACTIVITY
		rate H								~	1	/
		re Haz me Ha										
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0	X Oxidi										-	RECAUTIONS
TREFO	L Radio	active										RECAUTIONS
TOXICOL	OGICA	_ INF	ORM	ATI	ON:							
		LD ₅₀	Leth s	nal D	ose (s	olids	& liqui	ds) wh	ich k	kills 50%	of the exp	osed animals
		LC ₅₀	Leth	nal co	oncent	ration	(gase	es) whic	ch ki	lls 50% o	f the expos	sed animal
		ppm	Con	ncent	ration	expre	ssed i	n parts	of n	naterial p	er million p	oarts
		TD _{lo}	Low	/est c	lose to	o caus	se a sy	mptom	۱			
		TCLo						ause a	-	•		
	LD ₁₀ , & L		Low	est c	lose (c	or con	centra	ition) to	o cau	ise lethal	or toxic ef	fects
16, 10	Co, LCIO, 8		Inte	rnativ	nal A	aency	for P	eseare	hor	Cancer		
		NTP			Toxico					Carleel		
	R	ECS					-		nical	Substan	ces	
		BCF	-		entratio							
		TLm			hresh							
log l	K _{ow} or log	g K _{oc}	Coe	efficie	ent of C	Dil/Wa	ater Di	stributio	on			
REGULA	TORY IN	IFOR	МАТ	ION	:							
WHMI	S Cana	dian W	/orkpl	orkplace Hazardous Material Information System								
DO	T U.S.	Depart	ment	of Tr	anspo	rtatio	n					
Т	C Trans	sport C	anada	a								
EP.			nmental Protection Agency									
DS		Canadian Domestic Substance List										
NOHS		National Occupational Health and Safety Commission (Australia)										
NDS		dian N						1				
PS TSC			n Priority Substances List									
		U.S. Toxic Substance Control Act European Union (European Union Directive 67/548/EEC)										
WG		ssergefährdungsklassen (German Water Hazard Class)										
HMIS-I		-		-		-					Identificati	on System
					-							SYSTEM:
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Class A	Class B	(Class (s C Class D1		D1	Clas	ss D2	Class D3		Class E	Class F
ompressed	Flammab	le C	Dxidizin	ıg	Toxic		Irrit	Irritation Infectious		fectious	Corrosive	Reactive
EC (67/54			RMA		N:		I		I			
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Corrosive	Evoloo	Explosive Flammable		ble	Harmful		<u></u>	lizina		Toxic	Irritant	Harmful
	Explosiv							dizing		I UXIC	mitant	Harmful
									4 R	()		
GHS01	GHS02	GHS	503	G⊦	HS04 GHS0		S05	5 GHSC		GHS07	GHS0	B GHS09

Harmful

Irritating

Health

Hazard

Environmer