

SECTION 1 - IDENTIFICATION

Product Identifier

Product Number(s) 642

Product Name Pro-Custom Oil

Other Means of Identification None

Recommended Use and Restrictions on Use

Recommended Use Gunstock Finish

Restrictions on Use None Identified

24 hr Emergency
Phone Number

800-255-3924
(Chem-Tel)

MANUFACTURER DETAILS		SUPPLIER DETAILS	
Name	Chem-Pak, Inc.	Name	
Address	242 Corning Way Martinsburg WV 25405	Address	
Phone Number	800-336-9828	Phone Number	
Fax Number	304-262-9643	Fax Number	

SECTION 2 - IDENTIFICATION

Hazard Classification

HEALTH HAZARDS				PHYSICAL HAZARDS					
Acute Tox. Oral		Mutagenicity		Unstable Explosive		Refrigerated Liq. Gas		Pyrophoric Solid	
Acute Tox. Skin		Carcinogenicity	2	Explosive		Flammable Liquid	1	Emits Flammable Gas	
Acute Tox. Inhalation	4	Tox. to Reproduction		Flammable Gas		Flammable Solid		Oxidizing Liquid	
Skin Irritation		STOT SE		Aerosol		Self-Reactive Sub.		Oxidizing Solid	
Eye Irritation	2	STOT RE		Oxidizing Gas		Pyrophoric Liquid		Organic Peroxide	
Resp. Sensitization		Aspiration Hazard	1	Gas Under Pressure		Self-Heating Substance		Corrosive to Metal	
Skin Sensitization	1			ENVIRONMENTAL HAZARDS (GHS Rev 3 Only)					
				Aquatic Acute		Aquatic Chronic		Ozone Depleting	

Signal Word

Danger!

Hazard Pictograms



Hazard Statements

Extremely flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. Suspected of causing cancer.

Precautionary Statements

General

Keep out of reach of children.

Prevention

Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures, against static discharge. Avoid breathing dust/fume/gas/mist/vapours. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.



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Response	<i>IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of water. Take off immediately contaminated clothing. Wash it before reuse. Rinse skin with water/shower. IF skin irritation or rash occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable fore breathing. 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 medica advice/attention. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER or doctor if you feel unwell.</i>
Storage	<i>Store in a well-ventilated place. Store locked up. Keep Cool.</i>
Disposal	<i>Dispose of contents/container in accordance with local regulations.</i>
Hazards Not Otherwise Classified	<i>None identified.</i>
Unknown Acute Toxicity	<i>35.4 % by wt</i>

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	% WT RANGE*
1	Dearomatized Aliphatic Hydrocarbon	0064742-47-8	15 - 40
2	Oxygenated Tung Oil	0008001-20-5	10 - 30
3	Stoddard Solvent	0008052-41-3	10 - 30
4	V M & P Naphtha	0064142-89-8	7 - 13
5	Xylene	0001330-20-7	5 - 10
6	Ethyl Benzene	0000100-41-4	1 - 5
7	Methyl Ethyl Ketoxime	0000096-29-7	1 - 5
8	1,2,4-Timethyl Benzene	0000095-63-6	0.1 - 1

* Exact percentages of composition withheld as trade secret

SECTION 4 - FIRST AID MEASURES

Description of First-Aid Measures

General	<i>If exposed or concerned seek medical advice/attention.</i>
Eye Contact	<i>Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.</i>
Skin Contact	<i>Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.</i>
Ingestion	<i>Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.</i>
Inhalation	<i>Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.</i>
First-Aid Responder Protection	<i>Wear adequate personal protective equipment based on the nature and severity of the emergency.</i>

Most Important Symptoms and Effects, Both Acute and Delayed

Eye Contact	<i>Liquid contact may cause pain along with moderate eye irritation.</i>
Skin Contact	<i>Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.</i>
Ingestion	<i>May cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary oedema.</i>
Inhalation	<i>Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.</i>

Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	<i>Stoddard Solvent sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmia in individuals exposed. Use of sympathomimetic drugs should be avoided. If ingested, the material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left later lateral decubitus position.</i>
Specific Treatments/Antidotes	<i>No information available.</i>



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Immediate Medical
Attention

No information available.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media Water, CO₂, dry chemical, or universal aqueous film forming foam

Unsuitable Extinguishing Media Water jet

Specific Hazards Arising from the Chemical or Mixture

Decomposition Products Oxides of carbon (CO, CO₂), smoke, and/or vapors

Hazards from the Product CONTENTS EXTREMELY FLAMMABLE. In a fire or if heated, a pressure increase will occur which may result in the container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

Advice for Firefighters

Protective Actions Use water spray to cool fire exposed containers as contents may rupture violently from heat developed pressure.

Protective Equipment As with any fire wear SCBA pressure-demand, MSHA/NIOSH approved, and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel No action should be taken by non-emergency personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.

For Emergency Responders Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel.

Environmental Precautions

Precautions Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up

Containment Procedures Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.

Cleanup Procedures Avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

Other Information The North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.

Prohibited Materials Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling

General Handling Precautions KEEP OUT OF THE REACH OF CHILDREN. When using in spray application, conformance to NFPA 33 Spray Applications using Flammable and Combustible Materials is recommended.

Hygiene Recommendations Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.



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Conditions for Safe Storage Including Any Incompatibilities

Storage Requirements Storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.

Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Incompatibilities Segregate storage away from materials indicated in Section 10

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

ID	OSHA			NIOSH			ACGIH			AIHA	
	PEL	STEL	CEILING	IDLH	REL	STEL	CEILING	TLV	STEL		CEILING
3	500 ppm	–	–	20000 mg/m ³	350 mg/m ³	–	1800 mg/m ³	100 ppm	–	–	–
5	100 ppm	–	–	900 ppm	100 ppm	150 ppm	–	1000 ppm	150 ppm	–	–
6	100 ppm	–	–	800 ppm	100 ppm	125 ppm	–	20 ppm	–	–	–
8	25 ppm	–	–	–	25 ppm	–	–	25 ppm	–	–	–

Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
5	Methylhippuric acids in urine	End of shift	1.5 g/g creatinine	–
6	Sum of mandelic acid and phenyl glyoxylic acid in urine	End of shift at end of workweek	0.7 g/g creatinine	Ns, Sq

Other Control Parameters Not Available

Appropriate Engineering Control

Engineering Measures Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.

Individual Protection Measures

Hygiene Considerations Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.

Thermal Protection This product does not present a thermal hazard.

Respiratory Protection An approved respirator with organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.

Skin Protection For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Eye/Face Protection Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Other Protective Equipment Safety showers and eye-wash stations should be available in the workplace near where the material will be used.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Boiling Point	> 86.0 °C (186.8 °F)	Melting / Freezing Point	>-73.0 °C (-99.4 °F)
Flash Point, Liquid	> 13.9 °C (57.0 °F)	Autoignition Temperature, Liquid	104.4 °C (220.0 °F)
Explosive Limits	1.00% - 12.60%	Relative Density (H₂O = 1)	0.862 g/cc
Flammability	Category 2 Liquid	Weight	7.191 lbs/gal
Molecular Weight	Not Available		



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Vapor Pressure	Not Determined	pH	Not Available
Vapor Density	4.500 g/cc Maximum	Evaporation Rate	Not Available
Form	Liquid	Partition Coefficient	Not Available
Viscosity	Not Available	Refractive Index	Not Available
Odor Threshold	Not Available	Heat of Combustion (ΔH_c)	Not Available
Odor	Paint-like	Water Solubility	Not Available
Appearance / Color	Clear, colorless	Decomposition Temperature	Not Available

Air Quality Properties

Percent Volatile	65% Wt (71% Vol) Max	VOC Regulatory	3.732 lbs/gal (447.221 g/L)
Percent VOC	35% Wt (38% Vol) Max	VOC Actual	2.498 lbs/gal (299.318 g/L)
Percent HAP	11% Wt (11% Vol) Max	HAP Content	0.727 lbs/gal (87.112 g/L)
Solids/Non Volatile Content	36% Wt (30% Vol) Max	Maximum Incremental Reactivity	1.481 g O3/g
Global Warming Potential	0.000		

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity is available for this product or its ingredients.
Chemical Stability	This product is stable.
Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions are not expected to occur.
Conditions to Avoid	Keep away from heat, sparks, flame, and red hot metal.
Material Incompatibility	Acids, Alkalis, Dichlorohydrantion, Nitric Acid, Strong Oxidizing Agents
Decomposition Productions	Oxides of Carbon may be formed depending on fire conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates (mixture)

Oral LD₅₀	5066 mg/kg
Dermal LD₅₀	2018 mg/kg
Inhalation LC₅₀	14 mg/L 4-hour

Acute Toxicity on Ingredients

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	>5000 mg/kg	rat	>2000 mg/kg	rabbit	6.8 mg/L	4h	rat
3	>5000 mg/kg	rat	>3000 mg/kg	rabbit	>5500 mg/m3	4h	rat
4	>8000 mg/kg	rat	>4000 mg/kg	rat	3400 ppm	4h	rat
5	4300 mg/kg	rat	4500 mg/kg	rabbit	6700 mg/L	4h	rat
6	4720 mg/kg	rat	15500 mg/kg	rabbit	4000 ppm	4h	rat
7	2528 mg/kg	rat	184 mg/kg	rabbit	20 mg/L	4h	rat
8	5000 mg/kg	rat	>3160 mg/kg	rabbit	18000 mg/m3	4h	rat

Health Hazard Classification

Skin Corrosion / Irritation	Classification criteria not met
Eye Damage / Irritation	Category 2
Respiratory Irritation	Classification criteria not met
Respiratory / Skin Sensitization	Category 1
Germ Cell Mutagenicity	Classification criteria not met
Reproductive Toxicity	Classification criteria not met
STOT - Single Exposure	Classification criteria not met
STOT - Repeated Exposure	Classification criteria not met



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Aspiration Hazard

Carcinogen Data

Category 1

ID	Calif Prop-65	OSHA	NIOSH	ACGIH	NTP	IARC
6	Yes	–	–	A3	–	2B

Information on the Likely Routes of Exposure

Routes of Exposure Skin contact, skin absorption, eye contact, inhalation

Information on Physical, Chemical and Toxicological Effects

Symptoms of Exposure Abdominal Cramps, Bronchitis, Central Nervous System Depression, Chemical Pneumonitis, Coma, Confusion, Dermatitis, Dizziness, Drowsiness, Excitation, Skin Irritation, Staggering Gait, Throat Irritation, Upper Respiratory System Irritation, Vomiting

Delayed and Immediate Effects and also Chronic Effects from Short and Long-Term Exposure

Delayed Effects No known delayed effects.
Immediate Effects No known immediate effects.
Chronic Effects Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal. Stoddard Solvent when ingestion and subsequent aspiration into the lungs may cause pneumatocele (lung cavity) formation and chronic lung dysfunction.
Medical Conditions Aggravated May aggravate personnel with pre-existing disorders associated with any of the Target Organs.
Target Organs Bladder, Blood, Central Nervous System, Eyes, Gastrointestinal Tract, Kidneys, Liver, Respiratory System, Skin

SECTION 12 - ECOLOGICAL INFORMATION

Acute Aquatic Toxicity

ID	TYPE	FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
		VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	
1	LC50	>1000 mg/L	96h	–	–	–	–	–	–	–	–	–	
5	LC50	26.7 mg/L	96h	LC50	14 mg/L	24h	–	–	–	–	–	–	
6	LC50	97.1 mg/L	96h	LC50	77 mg/L	24h	EC50	63 mg/L	3h	EC50	130 mg/L	48h	
7	LC50	843 mg/L	96h	EC50	750 mg/L	48h	LOEC	100 mg/L	96h	EC50	281 mg/L	17d	
8	LC50	9.22 mg/L	96h	EC50	6.14 mg/L	48h	–	–	–	–	–	–	

Ecological Data

ID	PERSISTENCE	PERSISTENCE AND DEGRADABILITY			BIOACCUMULATIVE POTENTIAL			MOBILITY
		BOD	COD	ThOD	Pow / Kow	BCF	Koc	
3	–	–	–	–	3.16 log Kow	–	–	
4	95% / 28 days	–	–	–	2.1 log Pw	–	–	
5	–	0.64 mg/L	–	2410 mg/g	3.271 log Pow	2.2557 log BCF	3.156 Log Koc	
6	–	1780 mg/L	–	3170 mg/g	3.15 log Pow	1.18 log BCF	2.4 log Koc	
8	–	–	–	–	3.714 log Pow	2.12 log BCF	3.4 log Koc	

Other Adverse Effects No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal of Packaging

Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.

Landfill Precautions

Not Available

Incineration Precautions

Not Available

SECTION 14 - TRANSPORTATION INFORMATION

Transportation Information
UN Number
Ground Transportation (DOT)

UN1262

Air Transportation (IATA)

UN1262

Ocean Transportation (IMDG)

UN1262

Proper Shipping Name

Paint Related Material

Paint Related Material

Paint Related Material

Hazard Class(es)

3

3

3

Packaging Group

III

III

III

Marine Pollutant

No

No

No

Hazard Label(s)


SECTION 15 - REGULATORY INFORMATION

Federal Regulations

ID	TSCA	SARA 302	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312		PRESSURE	CLEAN AIR ACT		CLEAN WATER ACT
	LISTED	EHS TPQ						ACUTE	CHRONIC		HAP	SOCMI	
1	Yes	-	-	-	-	-	-	Yes	Yes	-	-	-	-
2	Yes	-	-	-	-	-	-	-	-	-	-	-	-
3	Yes	-	-	-	-	-	-	Yes	-	-	-	-	-
4	Yes	-	-	-	-	-	-	Yes	-	-	-	-	-
5	Yes	-	U239	100	8%	Yes	-	Yes	-	-	Yes	Yes	100
6	Yes	-	-	1000	2%	Yes	-	Yes	-	-	Yes	Yes	1000 (PP)
7	Yes	-	-	-	-	-	-	Yes	Yes	-	-	-	-
8	Yes	-	-	-	>1%	Yes	-	Yes	-	-	-	-	-

State Regulations

ID	CA	DE	MA	ME	MN	NJ	NY	PA	WA	WI	WV
	P-65	RQ	RTK CODES	TYPE	AIR	RTK	LAND	LISTED	PEL TWA	TABLE	TAP
3	-	-	2,4	-	-	ANO	-	Yes	100 ppm	A	-
5	-	100	2,4 F8 F9	-	2000	ANO	Yes	Yes-E	100 ppm	A	-
6	C	1000	2,4,5,6 F7 F8 F9	-	2000	AO	Yes	Yes-E	100 ppm	A	-
7	-	-	-	-	-	I	-	-	-	-	-
8	-	100	F7 F9	-	1000	-	Yes	Yes-E	-	-	-

SECTION 16 - OTHER INFORMATION

SDS Revision History

Revision 2, 03/29/2004, General Update

Revision 3, 10/18/2004, New International MSDS format.

Revision 4, 03/25/2013, Updated to GHS Version 4 Format.

Revision 5, 05/20/2015, Amended to GHS Version 3 Format.

SDS Compliance

 This SDS complies with the below listed regulations only. For SDS that comply with other countries, please contact our Regulatory Department at msds@chem-pak.com

OSHA Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200

Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Revision 3



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Disclaimer of Liability

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