SAFETY DATA SHEET

SECTION 1- PRODUCT AND COMPANY INFORMATION

DATE OF PREPARATION
1/27/17

PRODUCT NUMBER
T3LF

PRODUCT NAME
ROCKHARD Fusion Primer

MANUFACTURER
Xtreme Polishing Systems
2200 NW 32 St. #700
Pompano Beach, FL 33069 USA
800-659-5843
info@xtremepolishingsystems.com
Chemtel: 800-255-3924 (Account: MIS0000425)

Regulatory Information	800-255-3924
Medical Emergency	Chemtel 800-255-3924
Transportation Emergency*	800-255-3924

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

SECTION 2-HAZARDS IDENTIFICATION

NFPA Est.	HMIS Est.
Health: 1	Health: 1
Fire: 2	Fire: 2
React: 0	React: 1

Signal word: **WARNING**

GHS Classification

Serious Eye Irritant	Category 2A
Skin irritation	Category 2

GHS Label Element

Hazard Pictograms: 

Signal Word Warning

Hazard Statements

Harmful if swallowed Harmful in contact with skin. Causes severe eye damage. Highly flammable liquid and vapor.

Precautionary Statements:

Prevention: 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. Wear protective gloves/eye protection/face protection

Response:

Principal routes of exposure: Eye contact, Skin contact, Inhalation, Ingestion.

Skin: Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container to an approved waste disposal plant

SECTION 3-COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	C.A.S. Number	Concentration
Polymer A-1	Proprietary	3-7
Polymer A-2	Proprietary	1-4
Ethyl Alcohol	64-17-5	2-7
Propylene glycol methyl ether acetate	108-65-6	83-93
2-Methoxypropyl-1-Acetate	70657-70-4	<.4
Polymer A-3	Proprietary	2-5

SECTION 4-FIRST AID MEASURES

Eyes	:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin:	:	Wash off with soap and water. If symptoms persist, call a physician.
Inhalation	:	Move to fresh air. Treat symptomatically. If symptoms persist, call a physician
Ingestion	:	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	:	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision
Notes to Physician	:	Treat Symptomatically

SECTION 5-FIREFIGHTING MEASURES

SUITABLE EXSTINGUISHING MEDIA

Dry chemical, water spray or carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA

Do not use a solid water stream as it may scatter and spread fire. Do NOT use water jet.

SPECIFIC HAZARDS DURING FIRE FIGHTING

None known.

HAZARDOUS COMBUSTION PRODUCTS

No hazardous combustion products are known.

SPECIAL FIRE FIGHTING PROCEDURES

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 6-ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Local authorities should be advised if significant spillages cannot be contained.
Environmental Precautions	:	Avoid release to the environment
Methods and materials for containment and cleaning up	:	Sweep up or vacuum up spillage and collect in suitable container for disposal. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see section 13)

SECTION 7- HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques.
Advice on safe handling	:	Use only in area provided with appropriate exhaust ventilation. Wash thoroughly after handling.
Conditions for safe storage	:	Keep tightly closed. Avoid storage over 80°F.

DOT STORAGE CLASS: class 3
PROPER DOT SHIPPING NAME: Coating Solution
HANDLING: Provide good ventilation or extraction. Avoid prolonged or repeated breathing of vapor. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks, flames and other sources of ignition. Wash hands thoroughly after handling.
STORAGE: Avoid storage over 80° F, contamination with incompatible materials. Keep containers tightly closed in a cool, well ventilated place. Protect from moisture. Avoid all sources of ignition. Residual vapors might explode on ignition. Do not apply heat, cut, drill, and grind or weld on or near this container. Keep container closed when not in use.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
VENTILATION SYSTEM
Positive fresh air exhaust should be provided in the work area. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use.
SKIN PROTECTION
Avoid skin contact. Wear butyl-rubber gloves and impervious protective clothing.
EYE PROTECTION
Do not wear contact lenses. Chemical safety goggles or splash shields are recommended.

Ingredient	ACGIH TLV	OSHA PEL
Ethyl Alcohol	1000 ppm	1000 ppm
Propylene glycol methyl ether acetate	50 ppm	50 ppm

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	clear to amber, slightly milky liquid

Odor	sweet
Upper and lower flammability/explosive limits	not available
Vapor pressure	not available
Odor threshold	not available
Vapor density	not available
pH	not available
Relative density	1.0 – 1.04
Melting point/freezing point	not available
Solubility water	insoluble
Initial boiling point and boiling range	not available
Flash point deg F	114 F
Evaporation rate	not available
Auto-ignition temperature	669 F
Decomposition temperature	not available
VOC content (%)	not available
Viscosity	not available

SECTION 10- STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.
INCOMPATABILITIES: oxidizers, alkalis, acids, aliphatic amines, nitrates, water
HAZARDOUS POLYMERIZATION: may occur

SECTION 11 — TOXICOLOGICAL INFORMATION

Ingredient	Target Organs	IARC CATEGORY
Polymer A-1	IRR, LIV, KID	NO

Polymer A-2	IRR, LIV, KID	NO
Ethyl Alcohol	HEART, IRR, LIV, KID	NO
Propylene glycol methyl ether acetate	IRR	NO
Polymer A-3	NONE	NO

ABBREVIATIONS:
IRR = Irritant
LIV = Liver
KID = Kidney

Acute toxicity
Not classified based on available information.

Product:

Acute oral toxicity	:	Remarks: None.
Acute inhalation toxicity	:	Remarks: No significant adverse effects were reported
Acute dermal toxicity	:	Remarks: No significant adverse effects were reported

Ingredients:

Ethyl Alcohol

Acute Oral Toxicity	:	Oral LD 50 (rabbit) 2000 mg/kg
Acute dermal toxicity	:	Dermal LD 50 (rabbit) 20,000 mg/kg

Propylene Glycol Methyl Ester Acetate:

Acute oral toxicity	:	LD50 Oral (Rat): 6,190 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 4345 ppm Exposure time: 6 h
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5,000 mg/kg

Propylene Glycol Methyl Ester Acetate:

Acute oral toxicity	:	LD50 Oral (Rat): 6,190 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 4345 ppm Exposure time: 6 h
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5,000 mg/kg

Skin corrosion/irritation
Not classified based on available information.

Ingredients:

Propylene Glycol Methyl Ester Acetate:
Species: Rabbit
Exposure time: 4 h
Result: none

Species: Rabbit
Exposure time: 24 h
Result: none

Propylene Glycol Methyl Ester Acetate:
Species: Rabbit
Exposure time: 4 h
Result: none

Species: Rabbit
Exposure time: 24 h
Result: none

Serious eye damage/eye irritation
Not classified based on available information.

Ingredients:

Propylene Glycol Methyl Ester Acetate:
Species: Rabbit
Result: very slight

Propylene Glycol Methyl Ester Acetate:
Species: Rabbit
Result: very slight

Respiratory or skin sensitization
Skin sensitization: Not classified based on available information.
Respiratory sensitization: Not classified based on available information.

Ingredients:

Propylene Glycol Methyl Ester Acetate:
Test Type: Skin sensitization

Species: Guinea pig
Result: non-sensitizing

Propylene Glycol Methyl Ester Acetate:
Test Type: Skin sensitization
Species: Guinea pig
Result: non-sensitizing

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity
Not classified based on available information.

Product:
Reproductive toxicity Assessment **:** No toxicity to reproduction

STOT-single exposure
Not classified based on available information.

STOT-repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

Product:
No aspiration toxicity classification

Further information

Product:
Remarks: None known

SECTION 12- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
Ecotoxicity

Ingredients:
Propylene Glycol Methyl Ester Acetate:

Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 161 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia): 408 mg/l Exposure time: 48 h
Toxicity to algae	:	EC50 (Selenastrum capricornutum (green algae)): > 1,000 mg/l Exposure time: 96 h Test Type: Growth inhibition
		NOEC (Selenastrum capricornutum (green algae)): >= 1,000 mg/l Exposure time: 96 h Test Type: Growth inhibition
Toxicity to fish (Chronic toxicity)	:	LC50 (Oryzias latipes): 63.5 mg/l Exposure time: 14 d
		NOEC (Oryzias latipes): 47.5 mg/l Exposure time: 14 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (daphnid): >= 100 mg/l Exposure time: 21 d
		EC50 (daphnid): > 100 mg/l Exposure time: 21 d

Propylene Glycol Methyl Ester Acetate:

Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 161 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia): 408 mg/l Exposure time: 48 h

Toxicity to algae	:	EC50 (Selenastrum capricornutum (green algae)): > 1,000 mg/l Exposure time: 96 h Test Type: Growth inhibition NOEC (Selenastrum capricornutum (green algae)): >= 1,000 mg/l Exposure time: 96 h Test Type: Growth inhibition
Toxicity to fish (Chronic Toxicity)	:	LC50 (Oryzias latipes): 63.5 mg/l Exposure time: 14 d NOEC (Oryzias latipes): 47.5 mg/l Exposure time: 14 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (daphnid): >= 100 mg/l Exposure time: 21 d EC50 (daphnid): > 100 mg/l Exposure time: 21 d

Persistence and degradability

Ingredients:
Propylene Glycol Methyl Ester Acetate:

Biodegradability	:	Concentration: 76.4 mg/l Result: Readily biodegradable. Biodegradation: 90 % Exposure time: 28 d Method: Ready Biodegradability: CO2 Evolution Test
Biochemical Oxygen demand (BOD)	:	363 mg/g Incubation time: 5 d 1,050 mg/g Incubation time: 20 d
ThOD	:	76.4 mg/l

Propylene Glycol Methyl Ester Acetate:

Biodegradability	:	Concentration: 76.4 mg/l Result: Readily biodegradable. Biodegradation: 90 % Exposure time: 28 d

		Method: Ready Biodegradability: CO2 Evolution Test
Biochemical Oxygen Demand (BOD)	:	363 mg/g Incubation time: 5 d 1,050 mg/g Incubation time: 20 d
ThOD	:	76.4 mg/l

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects
Product:

Ozone-Depletion Potential	:	Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13 — DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 — TRANSPORT INFORMATION

DOT and IATA Hazard Classification: Class 3 PG III Flammable Liquid
Proper DOT Shipping Name: Coatings Solution
Identification Number: **DOT –** UN 1139 **IATA** – UN 1139

SECTION 15-REGULATORY INFORMATION

SARA 313 *(40 CFR 372.65C)* SUPPLIER NOTIFICATION

CAS number	Chemical Compound
64-17-5	Ethyl Alcohol

108-65-6	Propylene Glycol Methyl Ester Acetate
70657-70-4	2-Methoxypropyl-1-Acetate

CALIFORNIA PROPOSITION 65
This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm

SECTION 16 — OTHER INFORMATION
This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

IMPORTANT
LIABILITY DISCLAIMER

The information contained in this Material Safety Data Sheet (MSDS) is believed to be correct as it was obtained from sources we believe are reliable. However, no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and equipment used to store, handle or process the material and hazards connected with the use of the material are solely the responsibility of the user and remain at his sole discretion. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place, to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.