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Marketing, Inc.

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Poly Klear
FIBERGLASS + RESIN

MATERIAL SAFETY DATA SHEET

TR-309 REGULAR RUBBING COMPOUND

SECTION I IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1 Product Name

TR-309 Regular Rubbing Compound

1.2 Relevant Use

Buffing compound for removal of 600-800 grit sanding marks

SECTION II HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2B
Skin Irritation, Category 3
Aspiration Hazard, Category 1

Physical:

Flammable Liquids, Category 4

GHS LABEL



Exclamation
mark



Health
hazard



Flame

HAZARD STATEMENTS

H320: Causes eye irritation.
H316: Causes mild skin irritation.
H304: May be fatal if swallowed and enters airways.
H227: Combustible liquid.

PRECAUTIONARY STATEMENT(S)

Prevention:

P264: Wash thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P337+P313: If eye irritation persists: Get medical advice/attention.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.
P370+P378: In case of fire: Use appropriate extinguishing media (see Section 5).

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with all Federal, State, and local regulations.

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EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: White Liquid.

IMMEDIATE CONCERNS: Flammable Liquid. Can cause eye and skin irritation. Possible aspiration hazard, do not induce vomiting if swallowed. Seek medical attention if you feel unwell.

POTENTIAL HEALTH EFFECTS

EYES: Can cause eye irritation. Symptoms include: stinging, tearing, redness, and swelling of the eyes.

SKIN: Can cause skin irritation. Prolonged or repeated exposure may cause dermatitis. Symptoms may include redness, burning, drying and cracking of the skin, burns and other skin damage.

INGESTION: May be harmful if swallowed. Symptoms include: gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration Hazard. Can cause chemical pneumonitis which can be fatal.

INHALATION: Inhalation may cause respiratory tract irritation. Aspiration can cause significant lung damage.

SECTION III COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Vol %	CAS
Water	35-40	7732-18-5
Aliphatic Petroleum Distillates	30-35	64742-96-7
Silica, Crystalline	15-20	14808-60-7
Tall Oil Fatty Acid	5-10	61790-09-3
Oils, Pine	1-5	8002-09-3
Ethanol	1-5	141-43-5

SECTION IV FIRST AID MEASURES

EYES: Flush eyes for at least 15 minutes, holding eyelids open. If easily accomplished, check for and remove contact lenses. Seek immediate medical attention.

SKIN: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

INGESTION: Aspiration hazard. If swallowed, Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

SECTION V FIREFIGHTING MEASURES

FLAMMABLE CLASS: Category 4 Flammable Liquid

EXTINGUISHING MEDIA: Use dry chemical, CO₂, water spray/fog (not jet), or foam

FIRE FIGHTING PROCEDURES: Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water used for cooling purposes.

FIRE FIGHTING EQUIPMENT: Full Bunker gear(helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

SECTION VI ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Extinguish all near by ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container.

LARGE SPILL: Follow procedure for small spills. Dike ahead of spill to contain material. Water mist may be used to disperse vapors. Notify proper authorities if the spill cannot be contained. Follow Federal, State, and local regulations for disposal.

GENERAL PROCEDURES: Always ensure proper ventilation from any spill. Respirators or SCBA are required if permissible exposure limits are exceeded due to inadequate general ventilation. All spills should be contained as best as possible. All chemical spills should be assumed to be hazardous to the environment to ensure safety.

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SECTION VII HANDLING AND STORAGE

HANDLING: Avoid ignition sources (flame, spark, smoking, etc) in use or handling areas. Use explosion proof electrical equipment. Ground all equipment containing this material. Do not ingest or breathe vapors/fumes. Avoid contact with eyes and skin. Always wear proper PPE when handling. Provide sufficient ventilation. A NIOSH respirator is required if permissible exposure limits are exceeded.

STORAGE: Store in a cool, dry, well-ventilated area, away from any sources of ignition and incompatible materials. Keep all equipment grounded to avoid static sparking. Keep container closed when not being used.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Silica, Crystalline	TWA		10		0.025
Ethanol, 2-amino-	TWA	3	6	3	7.5
	STEL			6	15

ENGINEERING CONTROLS: Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (PEL/TLV). Any installed emergency eye wash station or safety showers should be located near the work area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

SKIN: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eyewash and shower station near work area in case of exposure.

RESPIRATORY: Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

WORK HYGIENIC PRACTICES: Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure.

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild Odor.

APPEARANCE: White Liquid.

COLOR: White.

pH: No data available.

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: > 60 °C (140 °F)

FLAMMABLE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

BOILING POINT: No data available.

MELTING POINT: No data available.

SOLUBILITY IN WATER: No data available.

EVAPORATION RATE: No data available.

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SECTION X STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid contact with incompatible materials and ignition sources / heat.

INCOMPATIBLE MATERIALS: Avoid all unplanned contact with strong reactive chemicals, Acids, Bases, Aliphatic Amines, and Oxidizers.

SECTION XI TOXICOLOGICAL INFORMATION

Acute

Chemical Name

Ethanol, 2-amino-

Oral LD₅₀ (rat)

1715 mg/kg

Dermal LD₅₀ (rabbit)

1025 mg/kg

SECTION XII ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Environmental studies have not been performed for this mixture.

ECOTOXICOLOGICAL INFORMATION: Do NOT discharge into sewers or waterways. Numerical data is not available. Assumed to be toxic to aquatic life and the environment for safety.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 114 mg / L (Rainbow Trout)

SECTION XIII DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with all Federal, State, and local regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

SECTION XIV TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Combustible Liquid, n.o.s.

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1993

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: Not Dangerous Goods

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Dangerous Goods

SECTION XV REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Fire Hazard, Immediate (acute) Health Hazard, Chronic (Delayed) Health Hazard.

TITLE III NOTES: Components meeting the requirements are listed.

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SECTION XVI OTHER INFORMATION

Disclaimer: This SDS information is only available for appropriate products, unless otherwise indicated, this product with other substances mixture cannot be applicable. This SDS is provided safety information for the staff who has had professional training. The users of SDS must make an independent judgment on the suitability under special conditions. If the SDS application results in injuries under a special occasion, the SDS compilers do not bear any responsibility.

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TECHNICAL DATA SHEET TR-309 REGULAR RUBBING COMPOUND

DESCRIPTION

TR-309 Regular Rubbing Compound is a medium coarse off-white paste compound developed specifically for light oxidation and sanding scratch removal on polyester gelcoats.

PRODUCT FEATURES

- Fast cutting action for quick effective removal of light sanding marks
- Good initial gloss achieved on finished parts when sanding for minor defect repair
- Remains moist while buffing with less spotting and drying
- Restores gloss to lightly oxidized and weathered finishes
- Contains no silicones or waxes

PHYSICAL PROPERTIES

Specific gravity

1.23 (10.25 lbs/gal)

Viscosity

soft paste- water/petroleum emulsion blend

Color

off-white

USES

To provide good initial uniform gloss while removing sanding scratches (600-800 grits), light oxidation and minor surface imperfections on all gelcoated finishes.

APPLICATION

Apply TR-309 to gelcoated surface and spread evenly. Using a high-speed electric variable speed buffer equipped with all wool twisted buffing pad, set buffer speed to 2400 rpm for best results. Work in a 2' x 2' overlapping surface area using medium pressure to keep surface moist to avoid drying out and burnishing. As polish begins to dry, gradually reduce buffing pressure to achieve a smooth uniform gloss appearance. Use a buffing spur to clean pad frequently during use to remove excess compound build-up.

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NOTE

For optimum results, polish with TR-308 Fine Finish II to achieve high-gloss, mirror-like swirl-free finish after using TR-309 Regular Rubbing Compound.

FOR INDUSTRIAL USE ONLY

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