

Manufactured by
Ipax Cleanogel, Inc.
Detroit, MI



U.S. COATING
Specialties and Supplies
125 W. Mayes ST. Jackson, MS 39213
601-981-8986

MATERIAL SAFETY DATA SHEET

Per 29 CFR 1910.1200

HEALTH	1	0-LEAST 1-SLIGHT
FLAMMABILITY	1	2-MODERATE 3-MILD
REACTIVITY	0	4-EXTREME

IDENTITY (As used on Label and List): **Tuff Enough / Ruff Tuff Shiny**

SECTION I

EMERGENCY PHONE NUMBER:

Tel (313) 933-4211
Fax (313) 933-4454

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Values reported as TWA unless noted

HAZARDOUS COMPONENTS:	CAS#	OSHA-PEL	ACGIH-TLV	LD50	TLV
DEG Methyl Ether	111773	N/A	N/A		NE
Tributoxyethyl Phosphate	78513	N/A	N/A		NE
Zinc Ammonium Carbonate	38714475	N/A	N/A		25 ppm (NH3)

Key: **PEL:** Permissible Exposure Limit **TLV:** Threshold Limit Value **STEL:** Short Term Exposure Limit
N/A: Not Applicable **N/D:** Not Determined **N/E:** Not Established **Y:** Yes **N:** No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
372: SARA TITLE III/ List of Toxic chemicals subject to Release Reporting (Community Right to Know) (10 CFR 372)

SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT:	212 F	SPECIFIC GRAVITY (H ₂ O=1):	1.055
VAPOR PRESSURE@20°C	N/A	VAPOR AIR DESITY (Air=1):	>1
SOLUBILITY IN WATER:	Complete	MELTING POINT:	N/A
EVAPORATION RATE:	Slower than n-Butyl Acetate	pH:	8.5 +/- 0.5
APPEARANDCE & ORDER:	White Milky Emulsion, Typical Acrylic odor.		

SECTION IV - FIRE & EXPLSION HAZARD DATA

FLASH POINT:	280 F
FLAMMABLE LIMITS:	LEL-N/A UEL-N/A
EXTINGIISHING MEDIA:	Foam or Carbon Dioxide or Dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self-contained breathing apparatus with full face piece.
UNUSUAL FIRE & EXPLOSION HAZARDS:	NONE

SECTION V - REACTIVITY DATA

STABILITY:	STABLE
CONDITIONS TO AVOID:	Avoid Freezing
INCOMPATIBLE MATERIALS:	Avoid strong oxidizing agents
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	N/A
HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY INHALATION: EYECONTACT: X SKIN CONTACT: X INGESTION: X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, LARC TO BE SUSPECTED HUMAN
CARCINOGENS: NONE

EFFECTS OF OVEREXPOSURE

IF IN EYES:	Moderate irritation, redness.
IF ON SKIN:	Irritation with repeated or prolonged contact.
IF SWALLOWED:	Gastrointestinal irritation, nausea, vomiting, and diarrhea.
IF INHALED:	Irritation of respiratory tract.

EMERGENCY & FIRST AID PROCEDURES

IF IN EYES:	Flush eyes and under eyelids with plenty of cool water for at least 15 Minutes. If irritation persists, obtain medical attention.
IF ON SKIN:	remove contaminated clothing and launder before re-use. Wash with soap and water.
IF SWALLOWED:	Call a physician or poison control center immediately. Do not induce vomiting.
IF INHALED:	Remove person to fresh air.

SECTION VII - SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and extinguish all sources of ignition. Contain spill. Soak up with inert absorbent and place in a properly labeled closed container for disposal.

WASTE DISPOSAL METHOD: Consult local environmental.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Use with adequate ventilation.
VENTILATION LOCAL: Recommended	MECHANICAL: Not required
PROTECTIVE GLOVES:	Chemical resistant.
EYE PROTECTION:	Chemical goggles or safety glasses.
OTHER PROTECTIVE EQUIPMENT:	Eye wash station

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Store in a cool, dry place, away from heat or open flame. Keep container tightly closed when not in use.

OTHER PRECAUTIONS: Keep out of the reach of children. Do not cut or weld empty containers as they may contain combustible residue.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Normal care should be taken to minimize risk of damage.
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Poison Control: 1-800-356-3232

OTHER PRECAUTIONS: No other precautions are required.

	NAME (Print)	PAUL KATZ
	SIGNATURE	PAUL KATZ
	TITLE	GENERAL MANAGER
	DATE	JANUARY, 2011