
MATERIAL SAFETY DATA SHEET

1. PRODUCT AND PREPARATION INFORMATION

Manufacturer's Name and Address: EMPACK a division of EMU Polishes Inc.
 98 Walker Drive, Brampton
 Ontario, Canada, L6T 4H6
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 (905) 792 – 6571
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 (613) 996 – 6666

Product Name: Suede Renew Black, Navy, Brown, m. Brown,
 Tan, Yellow, Burgundy, Red, Green

Synonyms: Not Applicable

Chemical Family: Alcohols, Ethers, Hydrocarbons

Molecular Formula: Proprietary Formulation

Product Use: Coating

WHIMIS Classification: B-5, D-2B

TDG Classification: Consumer Commodity

Prepared by: EMPACK

Preparation Date: March 22, 2012

Revised Date: March 22, 2012

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	Wt. %	TLV (ppm)	LD/50 Oral – Rat, 4hr	LC/50 Inhal – Rat, 4 hr
Isopropanol	67-63-0	60-100	400	4,720 mg/kg	12,000 mg/kg
Diethylene Glycol Monobutyl Ether	112-34-5	1-5	Not Available	5,600 mg/kg	Not Available
Propylene Glycol Monoethyl Ether	107-98-2	1-5	100	3,600 mg/kg	Not Available
Isobutane	75-28-5	7-13	Not Available	Not Applicable	142,500 mg/M ³
Propane	74-98-6	7-13	Not Available	Not Applicable	Not Available

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Aerosol
Appearance	Depend on Suede Renew Color
Odour	Fragrance
Odour Threshold	Not Available
Boiling Point (Liquid)	82 deg. C
Aerosol wt. % Volatile	97 –98
Vapour Density (Air = 1)	> 1
Specific Gravity (Liquid)	0.8
Specific Gravity (Aerosol)	0.75
Vapour Pressure (PSIG)	50 – 60 @ 20 deg. C
Evaporation Rate, n-Butyl Acetate = 1	> 1
pH	Not Applicable
Melting Point	Not Available
Solubility in Water	Soluble

4. FIRE AND EXPLOSION HAZARD

Aerosol Flame Projection Classified as:	> 45 cm
Flashback:	Yes
Flammability:	Extremely Flammable
If Yes, Under Which Conditions:	Excessive heat, sparks and open flame.
Extinguishing Media:	Carbon Dioxide, dry chemicals, foam, water fog. In case of large fire cool containers with water jet in order to prevent pressure build up, autoignition or explosion.
Fire Fighting Procedures:	Wear NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.
Flash Point (TCC deg. C):	- 117

Autoignition Temperature (deg. C):	Not Available
Flammability Limit in Air (% by volume):	LEL: 1.4 UEL: 12.0
Hazardous Combustion Products:	Oxides of carbon. Emits fumes and smoke.
Sensitivity to Mechanical Impact:	Not available. Not expected to be sensitive to mechanical impact.
Rate of Burning:	Not available.
Explosive Power:	Not available.
Sensitivity to Static Discharge:	Not available. Expected to be sensitive to static discharge when vapours in air are between the lower and upper explosive limits (i.e. 1.4 - 12.0 %).

5. REACTIVITY DATA

Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	No, with strong oxidizing agents.
Hazardous Products of Decomposition:	Fumes and smoke, carbon monoxide.
Hazardous Polymerization:	Will not occur.

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	
Skin Contact:	Yes
Skin Absorption:	No Data Available
Eye Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes
Effects of Acute Exposure:	This product may be harmful in case of eye contact characterised by redness, watering and itching. Harmful in case of ingestion or inhalation: causes respiratory tract irritation, headache, dizziness, and central nervous system depression. May be irritating in case of skin contact.
Effects of chronic exposure:	May cause skin defatting and dermatitis. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Carcinogenicity of material:	The ingredients of this product are not listed as carcinogens.
Reproductive effects:	No information is available and no adverse reproductive effects are anticipated.
Teratogenicity:	No information is available and no adverse Teratogenic effects are anticipated.
Mutagenicity:	No information is available and no adverse Mutagenic effects are anticipated.

7. PREVENTIVE MEASURES

Eye Protection:	Not required on a short-term basis. Use chemical safety goggles or full face shield when there is potential for eye contact.
Skin Protection:	Not normally required.
Respiratory Protection:	Not required on a short term basis or if exhaust ventilation is provided. However, if exposure exceeds occupational limits, wear a NIOSH/MSHA-approved air-purifying respirator equipped with organic vapour cartridges for mists and vapours.
Engineering Controls:	Exhaust ventilation is recommended if used indoors on continuous basis. Required locally, to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.
Leak/Spill Clean-Up Procedures:	Wear protective clothing. Do not use combustible materials such as sawdust as an absorbent. Use spark-resistant tools. Do not use aluminium tools. Eliminate all sources of ignition. Provide adequate ventilation. Collect product for disposal. Ventilate enclosed spaces. Notify applicable government authority if release is reportable or could adversely affect the environment.
Containers Disposal:	Don't puncture or incinerate containers, even when empty. Dispose in accordance with local, provincial and federal regulations.
Storage Instructions:	Keep away from heat, sparks, and open flames.

8. FIRST AID MEASURES

In case of eye contact, immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention IMMEDIATELY. For skin, wash thoroughly with soap and water. If irritation develops, get medical attention. If affected by inhalation of vapour or spray mist, move to fresh air. If swallowed, do not induce vomiting. Obtain medical attention IMMEDIATELY.

9. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. **This MSDS is valid for three years.**

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