For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: + 1703-527-3887
(collected call accepted)

MATERIAL SAFETY DATA SHEET

PRODUCT: **Maxi Shine**

DISTRIBUTOR: Tile & Floor Care Chemicals
DISTRIBUTORS ADDRESS: 4340 NW 19th Ave
Deerfield Beach
FL 33064

Telephone: 954-968-3445
Facsimile: 954-968-2844
After Hours: 561-866-4483

Website Address: www.tilecare.net
E-mail Address: enquiries@tilecare.net

MSDS PREPARED BY: TFC USA
MSDS PREPARATION DATE: 14/04/2010
PREPARER TEL: 954-968-3445

1. Product Name: Maxi Shine

Intended Use: Vinyl Floor Dressing
Chemical Name: Acrylic Polymer - Emulsion
Synonyms: Acrylic Copolymer
Chemical Family: Acrylic Acid
Empirical Formula: n/a

2. Composition / Information on hazardous ingredients

Ingredients	CAS	LD_{50}	LC_{50}
Acrylic Polmer	-	>5000mg/kg	-
1-Methoxy-2-Propanol	000107-98-2	>7500mg/kg	-

3. Hazard Identification

Route of Entry:
Skin Contact: Prolonged or repeated contact may cause skin irritation. Prolonged skin contact with very large amounts may cause dizziness or drowsiness.
Eye Contact: May cause slight temporary eye irritation. Corneal injury is unlikely.
Ingestion: Very low toxicity if swallowed. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.
Inhalation: The odour is objectionable at 100ppm; higher levels produce eye, nose and throat irritation and are intolerable at 1000ppm. Anaesthetic effects are seen at or above 1000ppm.
Emergency Overview: **NOTE TO PHYSICIAN -** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Potential Health Effects:
Systematic (Other Target Organ) Effects: Symptoms of excessive exposure may be anaesthetic or narcotic effects; dizziness and drowsiness may be observed.
Cancer Information: Did not cause cancer in laboratory animals.
Teratology (Birth Defects): Did not cause birth effects in laboratory animals. Has been toxic to the foetus in lab anmials only at doses toxic to the mother.
Reproductive Effects: In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

4. First Aid Measures

Skin Contact: Flush with plenty of water and remove clothing. Seek medical advice if rash develops.
Eye Contact: Flush with water and seek medical advice.
Inhalation: Remove to fresh air. Seek medical advice if breathing becomes difficult.
Ingestion: Give 1 - 2 glasses of water. Induce vomiting and get medical attention.

5. Fire Fighting Measures:

Flammable: No
Means of Extinction: Suitable for surrounding materials.
Flashpoint (°C) and Method (oc or cc): 31°C (SETA)
Upper Flammable Limit (% by volume): 1.48% v/v 1-Methoxy-1-Propanol @ 150°C
Lower Flammable Limit (% by volume): 13.74% v/v 1-Methoxy-1-Propanol @ 150°C
Autoignition Temperature (°C): Not determined
Explosion Data - Sensitivity to Impact: n/a
Explosion Data - Sensitivity to Static Discharge: n/a
Hazardous Combustion Products: None known. Complete combustion will give Carbon Dioxide and water.

6. Accidental Release Measures

Leak & Spill Procedures:
Protect People: Isolate area. Keep personnel out of low areas. Keep upwind of spill. Ventilate area of leak or spill.
Protect the Environment: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
Cleanup: Contain spilled material if possible. Ground and bond all containers and handling equipment. Absorb with material such as clay or sand. If available, use foam to smother or suppress vapours.

7. Handling and Storage

Handling Procedures & Equipment: Avoid inhalation of vapour or mists. Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment. Keep containers tightly closed in a dry, cool and well-ventilated place.
Storage Requirements: Keep containers closed and in a dry place.

8. Exposure Controls/Personal Protection

Exposure Limits:	
ACGIH TLV:	100ppm TWA - 8 hours for 1-Methoxy-2-Propanol
OSHA PEL:	n/a
Engineering Controls:	Natural airflow; Local exhaust
Personal Protective Equipment:	Rubber gloves, closed shoes and apron or overalls.

9. Physical and Chemical Properties

Physical State:	Liquid
Odour & Appearance:	Neutral; White
Odour Threshold (ppm):	Not determined
Specific Gravity	1g/ml
Vapour Density (Air=1):	Not determined
Vapour Pressure (mmHg):	11.5mbar @ 20°C (1-Methoxy-2-Propanol)
Evaporation Rate:	Not determined
Boiling Point (°C):	>100°C
Freezing Point (°C):	Not determined
pH:	7-9
Coefficient of Water/Oil Distribution:	Not determined
Solubility in Water:	Soluble

10. Stability and Reactivity

Chemical Stability:	Yes - Avoid hot, humid conditions
Incompatibility with Other Substances:	Yes - Strong organic acids and alkalis, oxidizing agents.
Reactivity:	Not available
Hazardous Decomposition Products:	Acrylic monomers

11. Toxicological Information:

Effect of Acute Exposure:	Single dose oral toxicity is considered to be extremely low. The oral LD_{50} for rats is 7200mg/kg for the 1-Methoxy-2-Propanol. Swallowing small amounts of product under normal operations are not likely to cause injury.
Effects of Chronic Exposure:	n/a
Irritancy of Product:	LD_{50} for skin absorption in rabbits is CA 13000mg/kg for the 1-Methoxy-2-Propanol. Prolonged skin contact under normal conditions is not likely to cause injury.
Skin Sensitization:	None reported
Respiratory Sensitization:	High levels may produce nose and throat irritation.
Carcinogenicity:	
IARC ((1, 2A or 2B):	No
ACGIH (A1, A2 or A3):	No
Reproductive Toxicity:	No
Teratogenicity:	No
Embryotoxicity:	No
Mutagenicity:	No
Name of Synergistic Products/Effects:	None known

12. Ecological Information:

Aquatic Toxicity:	Bioconcentration potential is low. Potential for mobility in soil is very high (Koc between 0 and 50). Henry's Law Constant (H) is estimated to be 1.40E-06 atm-m3/mole for the 1-Methoxy-2-Propanol.
Products of Biodegradation:	n/a
Toxicity of the Products of Biodegradation:	n/a

13. Disposal Considerations:

Waste Disposal:	Coagulated emulsion by addition of Ferric Chloride and Lime. Remove the clear supernatant and flush to a chemical sewer. Landfill or incinerate the remaining solids in accordance with local or state regulations.

14. Transport Information:

Special Shipping Information:	
PIN:	Not regulated
TDG:	Not regulated
[DOT]:	Not regulated
[IMO]:	Not regulated
[ICAO]:	Not regulated

15. Regulatory Information:

[WHMIS Classification]:	Not classified
[OSHA]:	Not classified
[SERA]:	Not classified
[TSCA]:	Not classified

16. Other Information:

Further Information:	The information supplied in this Safety Data Sheet is designed only as a guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such used in combination with any other materials or in any other process.

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