

## **SAFETY DATA SHEET (SDS)**

Section 1. Identification				
Product identifi				
Other means of		Base		
Recommended use and restrictions on use				
Initial supplier	Initial supplier identifier MF Paints Inc. 1605 Dagenais Boulevard W, Laval, QC H7L 5A3 T:(450) 628-3831			
Emergency telephone number/restriction on use   Canada – CANUTEC 24 hour number 613-996-6666				
Section 2. Hazard identification				
Classification of hazardous product (name of the category or subcategory of the hazard class)				
Not regulated	1 \			
Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)				
None				
Other hazards known None				
Section 3. Composition/information on ingredients				
Chemical name (common name/synonyms)		CAS number or other	Concentration (%)	
Dipropylene glycol monomethyl ether		34590-94-8	< 2	
Calcium carbinate		1317-65-3	< 10	
Kaolin		92704-41-1/1332-58-7	< 5	
Diethylene glycol monobutyl ether		112-34-5	< 2	
Nepheline Syenite		37244-96-5	< 10	
Section 4. First-aid measures				
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.			
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. NEVER give anything by mouth if victim is rapidly losing			
		g. Rinse mouth thoroughly with water. Have vict		
	vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a doctor if you feel unwell.			
Skin contact	IF ON SKIN: Rinse skin with water.			
Eye contact	IF IN EYES, Rinse cautiously with water.			
Most important symptoms and effects (acute or delayed)		None		
Indication of immediate medical attention/special treatment		In all cases, call a doctor. Do not forget this document.		

## Section 5. Fire-fighting measures

**Specific hazards of the hazardous product (hazardous combustion products)** 

Carbon oxides and other irritant/toxic gases and fumes.

# Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.

# Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

## Section 6. Accidental release measures

## Personal precautions, protective equipment and emergency procedures

Absorb spillage to prevent material-damage. Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

## Methods and materials for containment and cleaning up

Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.



## Section 7. Handling and storage

#### Precautions for safe handling

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.

## Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

## Section 8. Exposure controls/Personal protection

## Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: CAS 34590-94-8 ACGIH – TLV-TWA 100 ppm (STEL 150 ppm) & PEL-TWA 100 ppm; DUST ACGIH – TLV-TWA 1 mg/m<sup>3</sup> & PEL-TWA 5 mg/m<sup>3</sup> (respirable fraction) & 15 mg/m<sup>3</sup> (total dust);

## **Appropriate engineering controls**

Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

## Individual protection measures/personal protective equipment

Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

Section 9. Physical and chemical properties				
Appearance, physical state/colour Liquid	Vapour pressure Not available			
Odour Characteristic	Vapour density Not available			
Odour threshold Not available	Relative density 1.172			
<b>pH</b> Not available	Solubility Not available			
Melting/freezing point Not available	Partition coefficient - n-octanol/water   Not available			
Initial boiling point/range Not available	Auto-ignition temperature   Not available			
Flash point > 93°C	<b>Decomposition temperature</b> Not available			
Evaporation rate Not available	Viscosity Not available			
Flammability (solids and gases) Not available	VOC Not available			
Upper and lower flammability/explosive limits Not available	Other None known			

# Section 10. Stability and reactivity

#### Reactivity

Does not react under the recommended storage and handling conditions prescribed.

#### Chemical stability

Stable under the recommended storage and handling conditions prescribed.

## Possibility of hazardous reactions

None known

### Conditions to avoid (static discharge, shock or vibration)

None known

### **Incompatible materials**

Oxidizing materials; etc.

### Hazardous decomposition products

None known



#### **Section 11. Toxicological information**

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

None

Symptoms related to the physical, chemical and toxicological characteristics

None

## Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – No data available; Respiratory Sensitization – No data available; Germ Cell Mutagenicity – No data available; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Repeated Exposure – No data available; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.

## Numerical measures of toxicity (ATE; LD<sub>50</sub> & LC<sub>50</sub>)

CAS 34590-94-8 LD<sub>50</sub> (oral, rat) 5220 mg/kg; CAS 112-34-5 LD<sub>50</sub> Oral - Rat - 5660 mg/kg; LD<sub>50</sub> Dermal - Rabbit - 2700 mg/kg;

ATE not available in this document.

Section 12. Ecological information

**Ecotoxicity (aquatic and terrestrial information)** No data available

**Persistence and degradability** No data available

**Bioaccumulative potential** No bioaccumulation is to be expected.

**Mobility in soil** No data available

Other adverse effects No data available

## Section 13. Disposal considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

## **Section 14. Transport information**

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

Not Regulated

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

Not Regulated

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

Not Regulated

Special precautions (transport/conveyance) None

**Environmental hazards (IMDG or other)** None

Bulk transport (usually more than 450 L in capacity) Possible

# Section 15. Regulatory information

Safety/health Canadian regulations specifics

Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

**Environmental Canadian regulations specifics** Refer to Section 3 for ingredient(s) of the DSL

## Safety/health/environmental outside regulations specifics

United States OSHA information: This product is regulated according to OSHA (29 CFR).

United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.

California Proposition 65: This product does not contain ingredients that are known to the State of California to cause cancer or other reproductive harm.



Section 16. Other information			
<b>Date of the latest revision of the safety data sheet</b> February 09, 2018 version 1 (NSS ENTREPRISE INC.)			
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.		
Abbreviations			
ACGIH	American Conference of Governmental Industrial Hygienists		
ATE	Acute toxicity estimate		
CAS	Chemical Abstract Service		
DSL	Domestic Substance List		
IARC	International Agency for Research on Cancer		
IATA	International Air Transport Association		
IMDG	International Maritime Dangerous Goods Code		
LC	Lethal concentration		
LD	Lethal Dosage		
NIOSH	National Institute for Occupational Safety and Health		
NTP	National Toxicology Program (U.S.A.)		
OSHA	Occupational Safety and Health Administration (U.S.A.)		
PEL	Permissible Exposure Limit		
STEL	Short-term Exposure Limit		
TDG	Transport of dangerous goods in Canada		
TLV	Threshold Limit Value		
TSCA	Toxic Substances Control Act		
TWA	Time Weighted Average		
WHMIS	Workplace Hazardous Materials Information System		

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.