

## Safety Data Sheet

### MAPEFLOOR FINISH 53 W/L NA PART B

Safety Data Sheet dated: 06/10/2021 - version 4

Date of first edition: 04/10/2019



## 1. Identification

### Product identifier

Mixture identification:

Trade name: MAPEFLOOR FINISH 53 W/L NA PART B

Other means of identification

Trade code: 906UD9999

### Recommended use and restrictions on use

Recommended use: Polyurethane paint

Restrictions on use: Not available

### Supplier's details

Company: MAPEI INC. (Canada)

2900 Francis-Hughes Avenue

H7L 3J5 - Laval - QC - CAN

Phone: 1-450-662-1212

### Emergency phone number

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887 Emergency Transport CANUTEC (Canada) 1-613-996-6666

## 2. Hazard identification



### Classification of the product

|                   |  |
|-------------------|--|
| Flam. Liq. 4      | Combustible liquid                                 |
| Acute Tox. 4      | Harmful if inhaled.                                |
| Skin Irrit. 2     | Causes skin irritation.                            |
| Eye Irrit. 2A     | Causes serious eye irritation.                     |
| Skin Sens. 1B     | May cause an allergic skin reaction.               |
| STOT SE 3         | May cause respiratory irritation.                  |
| Aquatic Chronic 3 | Harmful to aquatic life with long lasting effects. |

### Label elements

#### Pictograms and Signal Words



Warning

### Hazard statements:

|      |  |
|------|--|
| H227 | Combustible liquid                                 |
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H319 | Causes serious eye irritation.                     |
| H332 | Harmful if inhaled.                                |
| H335 | May cause respiratory irritation.                  |
| H412 | Harmful to aquatic life with long lasting effects. |

### Precautionary statements:

|      |  |
|------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P261 | Avoid breathing mist/vapours/spray.  |
| P264 | Wash skin thoroughly after handling.   |
| P271 | Use only outdoors or in a well-ventilated area.  |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                         |
| P273 | Avoid release to the environment.  |

|                |  |
|----------------|--|
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P302+P352      | IF ON SKIN: Wash with plenty of water.   |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312           | Call a POISON CENTER if you feel unwell.   |
| P321           | Specific treatment (see supplementary instructions on this label)  |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P370+P378      | In case of fire, use a dry powder fire extinguisher to extinguish.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P405           | Store locked up.   |
| P501           | Dispose of contents/container in accordance with applicable regulations.   |

#### Other hazards

None

#### Ingredient(s) with unknown acute toxicity

None

### 3. Composition/information on ingredients

#### Substances

Not available

#### Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

#### List of components

| Concentration<br>(% w/w) | Name  | Ident. Numb.    | Classification  | Registration Number |
|--------------------------|---|-----------------|---|---------------------|
| 50-75 %                  | N,N-DIMETHYL-CYCLOHEXANAMINE COMPOUNDS WITH 3-(CYCLOHEXYLAMINO)-1-PROPANESULFONIC ACID-BLOCKED 1,6-DIISOCYANATOHEXANE HOMOPOLYMER | CAS:666723-27-9 | Acute Tox. 4, H332; Skin Sens. 1B, H317; STOT SE 3, H335, H412; Aquatic Chronic 3, H412             |                     |
| 1-2.5 %                  | N,N-DIMETHYLCYCLOHEXYLAMINE   | CAS:98-94-2     | Flam. Liq. 3, H226; Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314 |                     |

The actual concentration of the components listed above is withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose of safely.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Protect uninjured eye.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

- If breathing is irregular or stopped, administer artificial respiration.
- In case of inhalation, consult a doctor immediately and show him packing or label.

#### Most important symptoms/effects, acute and delayed

Eye irritation  
Eye damages  
Skin Irritation  
Erythema

#### Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(see paragraph 4.1)

---

## 5. Fire-fighting measures

### Suitable and unsuitable extinguishing media

Suitable extinguishing media:

In case of fire, use a dry powder fire extinguisher to extinguish.

Unsuitable extinguishing media:

None in particular.

### Specific hazards arising from the hazardous product

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: Not Relevant

Oxidizing properties: Not Relevant

### Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

---

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Limit leakages with earth or sand.

### Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

---

## 7. Handling and storage

### Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### Conditions for safe storage, including any incompatibilities

Storage temperature: Not available

Always keep in a well ventilated place.

Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

---

## 8. Exposure controls/personal protection

### Control parameters

No data available

### Appropriate engineering controls

Not available

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye protection:

Use close fitting safety goggles, don't use eye lens.

#### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

#### Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Nitrile rubber - NBR: thickness  $\geq 0,35\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Butyl rubber - IIR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Fluorinated rubber - FKM: thickness  $\geq 0,4\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

#### Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

Use adequate protective respiratory equipment.

---

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: liquid Colourless

Odour: Characteristic

Odour threshold: Not Relevant

pH: Not Relevant

Melting point / freezing point: Not Relevant

Initial boiling point and boiling range: Not Relevant

Flash point: 88 °C (190 °F)

Evaporation rate: Not Relevant

Upper/lower flammability or explosive limits: Not Relevant

Vapour density: Not Relevant

Vapour pressure: Not Relevant

Relative density: Not Relevant

Solubility in water: Not Relevant

Solubility in oil: Not Relevant

Partition coefficient (n-octanol/water): Not Relevant

Auto-ignition temperature: Not Relevant

Decomposition temperature: Not Relevant

Viscosity: Not Relevant

Explosive properties: Not Relevant

Oxidizing properties: Not Relevant

Solid/gas flammability: Not Relevant

### Other information

Substance Groups relevant properties Not Relevant

Miscibility: Not Relevant

Fat Solubility: Not Relevant

Conductivity: Not Relevant

---

## 10. Stability and reactivity

### Reactivity

Stable under normal conditions

### Chemical stability

Data not available.

### Possibility of hazardous reactions

None.

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

None.

---

## 11. Toxicological information

## Information on toxicological effects

### Toxicological information of the mixture:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

### Toxicological information on main components of the mixture:

N,N-DIMETHYLCYCLOHEXYLAMINE  
MINE

a) acute toxicity LC50 Inhalation Rat = 1889 mg/m<sup>3</sup> 2h

LD50 Oral Rat = 272 mg/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- Toxicological kinetics, metabolism and distribution information
- i) STOT-repeated exposure
- j) aspiration hazard

### Substance(s) listed on the IARC Monographs:

None

### Substance(s) listed as OSHA Carcinogen(s):

None

### Substance(s) listed as NIOSH Carcinogen(s):

None

### Substance(s) listed on the NTP report on Carcinogens:

None

---

## 12. Ecological information

### Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

### List of components with eco-toxicological properties

| Component                   | Ident. Numb. | Ecotox Infos  |
|-----------------------------|--------------|---|
| N,N-DIMETHYLCYCLOHEXYLAMINE | CAS: 98-94-2 | a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna Straus = 75 mg/L 48h IUCLID      |
|                             |              | a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 0,309 mg/L 72h IUCLID  |
|                             |              | a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 0,0885 mg/L 96h IUCLID |

### Persistence and degradability

Not available

### Bioaccumulative potential

Not available

### Mobility in soil

Not available

### Other adverse effects

Not available

---

### 13. Disposal considerations

#### Safe handling and methods for disposal

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

#### Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

#### Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

#### Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

---

### 14. Transport information

Not classified as dangerous in the meaning of transport regulations.

#### UN number

TDG-UN number: NA1993

ADR-UN number: Not available

DOT-UN Number: NA1993

IATA-Un number: Not available

IMDG-Un number: Not available

#### UN proper shipping name

TDG-Shipping Name: Not available

ADR-Shipping Name: Not available

DOT-Proper Shipping Name: Combustible liquid, n.o.s (N,N-Dimethylcyclohexylamine)

IATA-Technical name: Not available

IMDG-Technical name: Not available

#### Transport hazard class(es)

TDG-Class: COMBUSTIBLE Not available

ADR-Class: Not available

DOT-Hazard Class: COMBUSTIBLE

IATA-Class: Not available

IMDG-Class: Not available

#### Packing group

TDG-Packing Group: Not available

ADR-Packing Group: Not available

DOT Packing Group: III

IATA-Packing group: Not available

IMDG-Packing group: Not available

#### Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not available

#### Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not available

#### Special precautions in connection with transport or conveyance

##### TDG:

TDG Special provisions: N/A

##### Department of Transportation (DOT):

Not available DOT-Special Provision(s): 148, IB3, T1, TP1

DOT-Label(s): None

DOT-Symbol: D G

DOT-Cargo Aircraft: 220 L

DOT-Passenger Aircraft: 60 L

DOT-Bulk: 241

DOT-Non-Bulk: 203  
Road and Rail ( ADR-RID ) :  
Not available  
Air ( IATA ) :  
Not available  
Sea ( IMDG ) :  
Not available

---

## 15. Regulatory information

### Canada - Federal regulations

#### DSL - Domestic Substances List

##### DSL Inventory:

All the substances are listed in the DSL.

#### NDSL - Non Domestic Substances List

##### NDSL Inventory:

No substances listed

#### NPRI - National Pollutant Release Inventory

##### Substances listed in NPRI:

No substances listed

### USA - Federal regulations

#### TSCA - Toxic Substances Control Act

##### TSCA inventory:

All the components are listed on the TSCA inventory

##### TSCA listed substances:

N,N-DIMETHYL- is listed in TSCA Section 8b  
CYCLOHEXANAMINE COMPOUNDS  
WITH 3-(CYCLOHEXYLAMINO)-1-  
PROPANESULFONIC ACID-  
BLOCKED 1,6-  
DIISOCYANATOHEXANE  
HOMOPOLYMER

N,N-DIMETHYLCYCLOHEXYLAMINE is listed in TSCA Section 8b

#### SARA - Superfund Amendments and Reauthorization Act

##### Section 302 - Extremely Hazardous Substances:

No substances listed

##### Section 304 - Hazardous substances:

No substances listed

##### Section 313 - Toxic chemical list:

No substances listed

#### CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

##### Substance(s) listed under CERCLA:

No substances listed

#### CAA - Clean Air Act

##### CAA listed substances:

No substances listed

#### CWA - Clean Water Act

##### CWA listed substances:

No substances listed

### USA - State specific regulations

#### California Proposition 65

##### Substance(s) listed under California Proposition 65:

No substances listed

#### Massachusetts Right to know

##### Substance(s) listed under Massachusetts Right to know:

No substances listed

#### Pennsylvania Right to know

##### Substance(s) listed under Pennsylvania Right to know:

No substances listed

## New Jersey Right to know

### Substance(s) listed under New Jersey Right to know:

N,N-DIMETHYLCYCLOHEXYLAMINE

## 16. Other information

Safety Data Sheet dated: 6/10/2021 - version 4

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

| Code | Description  |
|------|--|
| H226 | Flammable liquid and vapour.                       |
| H227 | Combustible liquid                                 |
| H301 | Toxic if swallowed.                                |
| H311 | Toxic in contact with skin.                        |
| H314 | Causes severe skin burns and eye damage.           |
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H319 | Causes serious eye irritation.                     |
| H331 | Toxic if inhaled.                                  |
| H332 | Harmful if inhaled.                                |
| H335 | May cause respiratory irritation.                  |
| H412 | Harmful to aquatic life with long lasting effects. |

### Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
IMDG: International Maritime Code for Dangerous Goods.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
CLP: Classification, Labeling, Packaging.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
INCI: International Nomenclature of Cosmetic Ingredients.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
WGK: German Water Hazard Class.  
KSt: Explosion coefficient.

### Paragraphs modified from the previous revision:

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 2. HAZARDS IDENTIFICATION
- 12. ECOLOGICAL INFORMATION