

## MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

**SECTION 1. IDENTIFICATION** 

Product name : MasterSeal NP 100 Off Wht

Product code : 00000000050393065 00000000050393065

Other means of identification : No data available

Manufacturer or supplier's details

Company name of supplier : MBSCS Canada, Inc.

Address : 7111 Syntex Drive, 3rd Floor

Mississauga ON L5N 8C3

Emergency telephone : ChemTel: +1-813-248-0585;

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

**SECTION 2. HAZARDS IDENTIFICATION** 

GHS classification in accordance with the Hazardous Products Regulations

Serious eye damage/eye

irritation

: Category 2A

Skin sensitization : Category 1A

Carcinogenicity : Category 1A

Reproductive toxicity : Category 1B

Reproductive toxicity : Category 1B

Short-term (acute) aquatic

hazard

Category 3

Long-term (chronic) aquatic

hazard

Category 3

**GHS** label elements

Hazard pictograms





Signal Word : Danger

Hazard Statements : H319 Causes serious eye irritation.



## MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

H317 May cause an allergic skin reaction.

H350 May cause cancer.

H360 May damage fertility or the unborn child.

H402 Harmful to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements :

### Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P201 Obtain special instructions before use.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P202 Do not handle until all safety precautions have been read and understood.

P273 Avoid release to the environment.

P272 Contaminated work clothing should not be allowed out of the workplace.

P264 Wash face, hands and any exposed skin thoroughly after

handling.

## Response:

P308 + P311 IF exposed or concerned: Call a POISON

CENTER/ doctor.

## Storage:

P405 Store locked up.

# Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

## Other hazards

None known.

## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : Sealant

### Components

Chemical name	CAS-No.	Concentration (% w/w)
dibutyltin dilaurate	77-58-7	>= 0 - < 1
Quartz (SiO2)	14808-60-7	>= 0 - < 1
2-(2H-Benzotriazol-2-yl)-4,6-	25973-55-1	>= 0.2 - < 3
ditertpentylphenol		
bis(1,2,2,6,6-pentamethyl-4-	41556-26-7	>= 0 - < 3
piperidyl)sebacate		
bis(2,2,6,6-tetramethyl-4-	52829-07-9	>= 0.2 - < 3
piperidyl)sebacate		
Methyl 1,2,2,6,6-pentamethyl-4-	82919-37-7	>= 0 - < 1
piperidyl sebacate		
N-(3-	1760-24-3	>= 0.2 - < 3
(Trimethoxysi-		
lyl)propyl)ethylenediamine		
Trimethoxyvinylsilane	2768-02-7	>= 0.3 - < 3



# MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

Dibutylbis(pentane-2,4-dionato- O,O')tin	22673-19-4	>= 0 - < 1
calcium carbonate	471-34-1	>= 3 - < 50
Limestone	1317-65-3	>= 3 - < 50
Titanium dioxide	13463-67-7	>= 0 - < 15
stearic acid	57-11-4	>= 0.1 - < 7

#### **SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.

Show this material safety data sheet to the doctor in attend-

ance.

Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.

If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Induce vomiting immediately and call a physician.

Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician. Take victim immediately to hospital.

Most important symptoms

and effects, both acute and

delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause cancer.

May damage fertility or the unborn child.

Notes to physician : Treat symptomatically.

## **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Foam

Water spray Dry powder

Carbon dioxide (CO2)

Unsuitable extinguishing

media

water jet

Specific hazards during fire : Do not allow run-off from fire fighting to enter drains or water



## MasterSeal NP 100 Off Wht

Version **Revision Date:** SDS Number: Date of last issue: -

000000624323 Date of first issue: 01/21/2021 1.0 01/21/2021

fighting courses.

Further information Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment :

for fire-fighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec- :

tive equipment and emer-

gency procedures

Use personal protective equipment.

Avoid dust formation. Avoid breathing dust.

**Environmental precautions** Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for

containment and cleaning up

Keep in suitable, closed containers for disposal.

## **SECTION 7. HANDLING AND STORAGE**

Advice on protection against

fire and explosion

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Advice on safe handling Avoid formation of respirable particles.

Do not breathe vapors/dust.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Dispose of rinse water in accordance with local and national

regulations.

Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being

used.

Conditions for safe storage Keep container tightly closed in a dry and well-ventilated

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-Keep only in the original container in a cool, dry, well-



# MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

age conditions ventilated place away from ignition sources, heat or flame.

Protect from direct sunlight.

Materials to avoid : Observe TRGS 509/510 storage rules.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

# Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
stearic acid	57-11-4	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTLV
		TWA value (Respirable fraction)	3 mg/m3	ACGIHTLV
		TWA (Inhalable particulate matter)	10 mg/m3	ACGIH
		TWA (Respirable particulate matter)	3 mg/m3	ACGIH
dibutyltin dilaurate	77-58-7	TWA value	0.1 mg/m3 (tin (Sn))	ACGIHTLV
		STEL value	0.2 mg/m3 (tin (Sn))	ACGIHTLV
		REL value	0.1 mg/m3 (tin (Sn))	NIOSH
		PEL	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1)
		TWA value	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1-A)
		TWA	0.1 mg/m3 (Tin)	CA AB OEL
		STEL	0.2 mg/m3 (Tin)	CA AB OEL
		TWAEV	0.1 mg/m3 (Tin)	CA QC OEL
		STEV	0.2 mg/m3 (Tin)	CA QC OEL
		TWA	0.1 mg/m3 (Tin)	CA BC OEL
		STEL	0.2 mg/m3 (Tin)	CA BC OEL
		TWA	0.1 mg/m3	CA ON OEL



# MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

			(Tin)	
		TWA	0.1 mg/m3 (Tin)	ACGIH
		STEL	0.2 mg/m3 (Tin)	ACGIH
Limestone	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
		REL value (Total)	10 mg/m3	NIOSH
		PEL (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	10 mg/m3	CA AB OEL
		TWAEV (to- tal dust)	10 mg/m3	CA QC OEL
		TWA (Total dust)	10 mg/m3	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m3	CA BC OEL
		STEL	20 mg/m3	CA BC OEL
Titanium dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTLV
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	10 mg/m3	CA AB OEL
		TWA (Total dust)	10 mg/m3	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m3	CA BC OEL
		TWAEV (to- tal dust)	10 mg/m3	CA QC OEL
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH
Quartz (SiO2)	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
		TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
		OSHA Action	0.025 mg/m3	29 CFR



# MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

level	(Respirable dust)	1910.1001- 1050
REL value (Respirable dust)	0.05 mg/m3	NIOSH
TWA (Respirable particulates)	0.025 mg/m3	CA AB OEL
TWA (Respirable fraction)	0.1 mg/m3	CA ON OEL
TWAEV (respirable dust)	0.1 mg/m3	CA QC OEL
TWA (Respirable)	0.025 mg/m3 (Silica)	CA BC OEL
TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH

**Engineering measures** : No applicable information available.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Wear a NIOSH-certified (or equivalent) respirator as neces-

sary.

Hand protection

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Wear face-shield and protective suit for abnormal processing

problems.

Skin and body protection : Choose body protection according to the amount and con-

centration of the dangerous substance at the work place.

Protective measures : Do not inhale dust/fumes/aerosols.

Avoid contact with the skin, eyes and clothing.

Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene

and safety practice.

Wearing of closed work clothing is recommended.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**



# MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

Appearance : No applicable information available.

Color : off-white

Odor : faint odour

pH : Not applicable

Melting point : No applicable information available.

Freezing point No applicable information available.

Boiling point : No applicable information available.

Flash point : > 122 °C

Method: Standard Method of Test for Flash Point by Setaflash

**Closed Tester** 

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not determined

Self-ignition : not self-igniting

Upper explosion limit / Upper

flammability limit

No applicable information available.

Lower explosion limit / Lower

flammability limit

No applicable information available.

Vapor pressure : No applicable information available.

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 1.4 g/cm3 (22 - 25 °C)

Solubility(ies)

Water solubility : insoluble (15 °C)

Solubility in other solvents : No applicable information available.

Partition coefficient: n-

octanol/water

: not applicable for mixtures

Autoignition temperature : not determined

Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.



## MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Oxidizing properties : Based on its structural properties the product is not classified

as oxidizing.

Self-heating substances : No data available

Sublimation point : No applicable information available.

Molecular weight : No applicable information available.

### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids

Strong bases

Strong oxidizing agents Strong reducing agents

Hazardous decomposition

products

No hazardous decomposition products if stored and handled

as prescribed/indicated.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

### **Acute toxicity**

Not classified based on available information.

**Product:** 

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

#### Skin corrosion/irritation

Not classified based on available information.

**Product:** 

Remarks : May cause skin irritation and/or dermatitis.



Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

## Serious eye damage/eye irritation

Causes serious eye irritation.

**Product:** 

Remarks : May cause irreversible eye damage.

## Respiratory or skin sensitization

## Skin sensitization

May cause an allergic skin reaction.

## Respiratory sensitization

Not classified based on available information.

## **Product:**

Remarks : Causes sensitization.

## Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

May cause cancer.

## Reproductive toxicity

May damage fertility or the unborn child.

## STOT-single exposure

Not classified based on available information.

## STOT-repeated exposure

Not classified based on available information.

## **Aspiration toxicity**

Not classified based on available information.

### **Components:**

## 2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:

Not applicable

# bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:

Not applicable

## Trimethoxyvinylsilane:

Not applicable

## Dibutylbis(pentane-2,4-dionato-O,O')tin:

Not applicable

### stearic acid:

Not applicable

# **MBCC** GROUP

## MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

**Further information** 

**Product:** 

Remarks : No data available

**SECTION 12. ECOLOGICAL INFORMATION** 

**Ecotoxicity** 

Product:

**Ecotoxicology Assessment** 

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

**Components:** 

dibutyltin dilaurate:

M-Factor (Acute aquatic tox- : 1

icity)

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:

M-Factor (Acute aquatic tox- : 1

icity)

M-Factor (Chronic aquatic

toxicity)

: 1

Persistence and degradability

**Product:** 

Biodegradability : Remarks: Taking into consideration the properties of several

ingredients, the product is estimated not to be readily biode-

gradable according to OECD classification.

**Bioaccumulative potential** 

**Product:** 

Bioaccumulation : Remarks: No data available.

Discharge into the environment must be avoided.

**Components:** 

dibutyltin dilaurate:

Partition coefficient: n- : log Pow: 3.17 (20.8 °C)

octanol/water pH: 6.1 - 6.3

Method: Partition coefficient (n-octanol/water), Shake-flask

method GLP: yes



Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:

Partition coefficient: n- : log Pow: > 6.5 (23 °C)

octanol/water pH: 6.4

Method: Partition coefficient (n-octanol/water), HPLC method.

log Pow: 7.3 (25 °C) Method: other (calculated)

bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:

Partition coefficient: n- : log Pow: 0.35 (25 °C)

octanol/water pH: 7

Method: Partition coefficient (n-octanol/water), Shake-flask

method

N-(3-(Trimethoxysilyl)propyl)ethylenediamine:

Partition coefficient: n- : log Pow: -0.82

octanol/water Method: other (calculated)

Trimethoxyvinylsilane:

Partition coefficient: n- : log Pow: 1.1 (20 °C)

octanol/water

Dibutylbis(pentane-2,4-dionato-O,O')tin:

Partition coefficient: n- : Remarks: Study technically not feasible.

octanol/water

Partition coefficient: n- : Remarks: No data available.

octanol/water

stearic acid:

log Pow: 8.23

Method: other (measured)

**Mobility in soil**No data available

Other adverse effects

**Product:** 

Additional ecological infor- : An environmental hazard cannot be excluded in the event of

mation unprofessional handling or disposal.

Harmful to aquatic life.

Harmful to aquatic life with long lasting effects.

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual

components.



## MasterSeal NP 100 Off Wht

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

#### **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods** 

Waste from residues : Dispose of in accordance with national, state and local regula-

tions.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible

and disposed of in the same manner as the sub-

stance/product.

### **SECTION 14. TRANSPORT INFORMATION**

## International Regulations

**IATA-DGR** 

Not regulated as a dangerous good

**IMDG-Code** 

Not regulated as a dangerous good

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

Not applicable for product as supplied.

**Domestic regulation** 

**TDG** 

Not regulated as a dangerous good

#### **SECTION 15. REGULATORY INFORMATION**

The ingredients of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL

TSCA : All chemical substances in this product are either listed as

active on the TSCA Inventory or are in compliance with a

TSCA Inventory exemption.

## **SECTION 16. OTHER INFORMATION**

Full text of other abbreviations

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1-A (29 CFR 1910.1000)

1-Δ\

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR

` 1910.1000

29 CFR 1910.1001-1050 : OSHA - Specifically Regulated Substances (29 CFR

1910.1001-1050)

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIHTLV : American Conference of Governmental Industrial Hygienists -

Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

threshold limit values (US)

CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table

2: OEL)

CA BC OEL : Canada. British Columbia OEL

CA ON OEL : Ontario Table of Occupational Exposure Limits made under

the Occupational Health and Safety Act.

CA QC OEL : Québec. Regulation respecting occupational health and safe-

ty, Schedule 1, Part 1: Permissible exposure values for air-

borne contaminants

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)

29 CFR 1910.1000 (Table Z- : Time Weighted Average (TWA):

1-A) / TWA value

29 CFR 1910.1000 (Table Z- : Permissible exposure limit

1) / PEL

29 CFR 1910.1001-1050 / : OSHA Action level:

OSHA Action level

29 CFR 1910.1001-1050 / : Time Weighted Average (TWA):

TWA value

ACGIH / TWA : 8-hour, time-weighted average ACGIH / STEL : Short-term exposure limit

ACGIHTLV / STEL value : Short Term Exposure Limit (STEL):
ACGIHTLV / TWA value : Time Weighted Average (TWA):
CA AB OEL / TWA : 8-hour Occupational exposure limit
CA AB OEL / STEL : 15-minute occupational exposure limit

CA BC OEL / TWA : 8-hour time weighted average CA BC OEL / STEL : short-term exposure limit

CA ON OEL / TWA : Time-Weighted Average Limit (TWA)
CA QC OEL / TWAEV : Time-weighted average exposure value

CA QC OEL / STEV : Short-term exposure value

NIOSH / REL value : Recommended exposure limit (REL):

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation: DSL - Domestic Substances List (Canada): ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evalua-



Version Revision Date: SDS Number: Date of last issue: -

1.0 01/21/2021 000000624323 Date of first issue: 01/21/2021

tion, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 01/21/2021

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

CA / EN