

MasterSeal NP 2 Ist

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

01/05/2021 000000534118 Date of first issue: 01/05/2021 1.0

SECTION 1. IDENTIFICATION

Product name MasterSeal NP 2 Ist

Product code 00000000050304696 00000000050304696

Manufacturer or supplier's details

Company name of supplier Master Builders-Construction Systems

US, LLC

23700 CHAGRIN BLVD Address

Beachwood OH 44122

Emergency telephone ChemTel: +1-813-248-0585 USA: +1-800-255-3924 Contract

Number MIS9240420

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 29 CFR 1910.1200

Specific target organ toxicity : Category 1 (Central nervous system)

- repeated exposure

Carcinogenicity (Inhalation) Category 1A

GHS label elements

Hazard pictograms



Signal Word Danger

Hazard Statements H350 May cause cancer.

H372 Causes damage to organs (Central nervous system)

through prolonged or repeated exposure.

Precautionary Statements Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/

face protection.

P201 Obtain special instructions before use.

P260 Do not breathe dust or mist.

P202 Do not handle until all safety precautions have been read

and understood.

P270 Do not eat, drink or smoke when using this product.

P264 Wash face, hands and any exposed skin thoroughly after

handling.

Response:

P314 Get medical advice/ attention if you feel unwell. P308 + P311 IF exposed or concerned: Call a POISON

CENTER/ doctor.



MasterSeal NP 2 Ist

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

01/05/2021 000000534118 Date of first issue: 01/05/2021 1.0

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 No applicable information available.

Components

Chemical name	CAS-No.	Concentration (% w/w)
calcium carbonate	471-34-1	>= 7 - < 20
Stoddard solvent	8052-41-3	>= 7 - < 10
Titanium dioxide	13463-67-7	>= 3 - < 5
calcium oxide	1305-78-8	>= 0.3 - < 1
trimethoxy(3-	2530-83-8	>= 0.3 - < 1
(oxiranylmethoxy)propyl)silane		
Limestone	1317-65-3	>= 10 - < 20
Quartz (SiO2)	14808-60-7	>= 0 - < 0.3
stearic acid	57-11-4	>= 0.3 - < 3

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 Remove the affected individual into fresh air and keep the

person calm.

Assist in breathing if necessary. Immediate medical attention required.

Wash affected areas thoroughly with soap and water. In case of skin contact

Consult a doctor if skin irritation persists.

In case of contact with the eyes, rinse immediately for at least In case of eye contact

15 minutes with plenty of water. Immediate medical attention required.

Rinse mouth and then drink 200-300 ml of water.

Do NOT induce vomiting.

Immediate medical attention required.

Most important symptoms

and effects, both acute and

May cause cancer.

Causes damage to organs through prolonged or repeated

delayed

If swallowed

exposure.

: Treat symptomatically. Notes to physician

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray

MBCC GROUP

MasterSeal NP 2 Ist

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

01/05/2021 000000534118 Date of first issue: 01/05/2021 1.0

Foam

Carbon dioxide (CO2)

Specific hazards during fire

fighting

Hazardous combustion prod-

ucts

See SDS section 10 - Stability and reactivity.

harmful vapours nitrogen oxides

fumes/smoke carbon black carbon oxides

Sealed containers should be protected against heat as this Further information

results in pressure build-up.

Special protective equipment

for fire-fighters

Firefighters should be equipped with self-contained breathing

apparatus and turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec: :

tive equipment and emer-

gency procedures

Clear area.

Ensure adequate ventilation.

Wear suitable personal protective clothing and equipment.

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

Ensure adequate ventilation.

Avoid sources of ignition.

SECTION 7. HANDLING AND STORAGE

Advice on protection against : Product is not explosive.

fire and explosion

Normal measures for preventive fire protection.

Advice on safe handling Avoid contact with the skin, eyes and clothing.

Avoid excessive temperatures.

Avoid humidity.

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

place.

Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age conditions

Keep only in the original container in a cool, dry, wellventilated 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.



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
stearic acid	57-11-4	TWA value	10 mg/m3	ACGIHTLV
		(Inhalable		
		fraction)		40000
		TWA value	3 mg/m3	ACGIHTLV
		(Respirable		
		fraction)	10	A00111
		TWA (Inhal-	10 mg/m3	ACGIH
		able particu- late matter)		
		TWA (Res-	3 mg/m3	ACGIH
		pirable par-	3 mg/m3	ACGIN
		ticulate mat-		
		ter)		
calcium carbonate	471-34-1	REL value	10 mg/m3	NIOSH
oalolati oalbonate	7/1-04-1	(Total)	i o mg/mo	I WICOIT
		REL value	5 mg/m3	NIOSH
		(Respirable)	o mg/mo	
		PEL (Respir-	5 mg/m3	29 CFR
		able fraction)	o mg/mo	1910.1000
				(Table Z-1)
		PEL (Total	15 mg/m3	29 CFR
		dust)	3	1910.1000
		,		(Table Z-1)
		TWA (Res-	5 mg/m3	NIOSH REL
		pirable)	(Calcium car-	
			bonate)	
		TWA (total)	10 mg/m3	NIOSH REL
			(Calcium car-	
			bonate)	
calcium oxide	1305-78-8	TWA value	2 mg/m3	ACGIHTLV
		REL value	2 mg/m3	NIOSH
		PEL	5 mg/m3	29 CFR
				1910.1000
				(Table Z-1)
		TWA value	5 mg/m3	29 CFR
				1910.1000
		T) A / A	0 / 0	(Table Z-1-A)
		TWA	2 mg/m3	ACGIH
		TWA	2 mg/m3	NIOSH REL
		TWA	5 mg/m3	OSHA Z-1
Phone in the control of the control	4017.05.0	TWA	5 mg/m3	OSHA P0
Limestone	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
		REL value (Total)	10 mg/m3	NIOSH
		PEL (Respir-	5 mg/m3	29 CFR
		able fraction)		1910.1000



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

	ı	1	ı	<u>.</u>
		<u> </u>		(Table Z-1)
		PEL (Total	15 mg/m3	29 CFR
		dust)		1910.1000
		TWA value	5 mg/m3	(Table Z-1)
			5 mg/m3	29 CFR 1910.1000
		(Respirable fraction)		(Table Z-1-A)
		TWA value	15 mg/m3	29 CFR
		(Total dust)	13 mg/m3	1910.1000
		(Total ddot)		(Table Z-1-A)
		TWA (total	15 mg/m3	OSHA Z-1
		dust)	3	
		TWÁ (respir-	5 mg/m3	OSHA Z-1
		able fraction)		
		TWA (Total	15 mg/m3	OSHA P0
		dust)		
		TWA (respir-	5 mg/m3	OSHA P0
		able dust		
		fraction)		
		TWA (Res-	5 mg/m3	NIOSH REL
		pirable)	(Calcium car-	
		TIA/A /I - I - I)	bonate)	NICOLLEGE
		TWA (total)	10 mg/m3	NIOSH REL
			(Calcium car- bonate)	
Titanium dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTLV
Titatilum dioxide	13403-07-7	PEL (Total	15 mg/m3	29 CFR
		dust)	13 mg/m3	1910.1000
		duoti		(Table Z-1)
		TWA value	10 mg/m3	29 CFR
		(Total dust)	3	1910.1000
		,		(Table Z-1-A)
		TWA (total	15 mg/m3	OSHA Z-1
		dust)		
		TWA (Total	10 mg/m3	OSHA P0
		dust)		
		TWA	10 mg/m3	ACGIH
		 	(Titanium dioxide)	
Quartz (SiO2)	14808-60-7	TWA value	0.025 mg/m3	ACGIHTLV
		(Respirable		
		fraction)	0.05	00 CED
		TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001-
			(Tiespirable dust)	1050
		OSHA Action	0.025 mg/m3	29 CFR
		level	(Respirable dust)	1910.1001-
				1050
		REL value	0.05 mg/m3	NIOSH
		(Respirable		
		dust)		
		TWA (Res-	0.05 mg/m3	OSHA Z-1
		pirable dust)		
		TWA (respir-	10 mg/m3 /	OSHA Z-3
		able)	%SiO2+2	



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
		PEL (respirable)	0.05 mg/m3	OSHA CARC
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
Stoddard solvent	8052-41-3	TWA value	100 ppm	ACGIHTLV
		REL value	350 mg/m3	NIOSH
		Ceil_Time	1,800 mg/m3	NIOSH
		PEL	500 ppm 2,900 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	100 ppm 525 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	100 ppm	ACGIH
		TWA	350 mg/m3	NIOSH REL
		С	1,800 mg/m3	NIOSH REL
		TWA	500 ppm 2,900 mg/m3	OSHA Z-1
		TWA	100 ppm 525 mg/m3	OSHA P0

Engineering measures : Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupa-

tional exposure limits they must use appropriate certified

respirators.

Hand protection

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Eye protection : Safety glasses with side-shields.

Wear face shield if splashing hazard exists.

Skin and body protection : Body protection must be chosen based on level of activity

and exposure.

Protective measures : Do not inhale gases/vapours/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

MBCC GROUP

MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

Appearance : liquid

Color : milky white

Odor : like acrylic

pH : No data available

Melting point : No applicable information available.

Boiling point : 469.00 °F / 242.78 °C

No data available

Flash point : 240.01 °F / 115.56 °C

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not determined

Upper explosion limit / Upper

flammability limit

9.4 %(V)

Lower explosion limit / Lower

flammability limit

0.7 %(V)

Vapor pressure : No applicable information available.

Relative vapor density : Heavier than air.

Relative density : No applicable information available.

Density : 1.0312 g/cm3 (68 °F / 20 °C)

Solubility(ies)

Water solubility : partly soluble

Solubility in other solvents : No applicable information available.

Partition coefficient: n-

octanol/water

No data available.

Autoignition temperature : No data available

Decomposition temperature : No applicable information available.

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Not explosive

Oxidizing properties : not fire-propagating



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

Sublimation point : No applicable information available.

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No applicable information available.

No decomposition if stored and applied as directed.

Chemical stability : No applicable information available.

No decomposition if stored and applied as directed.

Possibility of hazardous reac-

Conditions to avoid

tions

The product is chemically stable.

: Avoid moisture.

Avoid prolonged exposure to extreme heat.

Avoid sources of ignition.

Incompatible materials : Water

Alcohols Strong bases Oxidizing agents

Substances/products that react with isocyanates.

Hazardous decomposition

products

carbon oxides nitrogen oxides

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.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

Carcinogenicity

May cause cancer.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Central nervous system) through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

Components:

stearic acid:

Not applicable

Further information

Product:

Remarks : No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

Components:

Quartz (SiO2):

Biodegradability : Remarks: Not applicable

Bioaccumulative potential

Components:

Stoddard solvent:

Partition coefficient: n- : log Pow: 3.5 - 6.4 (68 °F / 20 °C)

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

stearic acid:

Partition coefficient: n-

octanol/water

: Remarks: No data available.

log Pow: 8.23

Method: other (measured)



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-

mation

There is a high probability that the product is not acutely

harmful to aquatic organisms.

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

components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regula-

tions.

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

UNRTDG

Not regulated as a dangerous good

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

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

calcium carbonate 471-34-1 Limestone 1317-65-3 Titanium dioxide 13463-67-7

MasterSeal NP 2 Ist

Version 1.0	Revision Date: 01/05/2021	SDS Number: 000000534118	Date of last issue: - Date of first issue: 01/05/2021
Stoddard solvent Carbon black			8052-41-3 1333-86-4
New .	Jersey Right To Know		
Limestone			1317-65-3
Titanium dioxide			13463-67-7
Stoddard solvent			8052-41-3
Quartz (SiO2)			14808-60-7

California Prop. 65

WARNING: This product can expose you to chemicals including lead, Titanium dioxide, Quartz (SiO2), Carbon black, 1,1-dichloroethylene, acrylonitrile, toluene, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

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

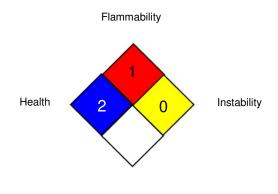
active on the TSCA Inventory or are in compliance with a

TSCA Inventory exemption.

SECTION 16. OTHER INFORMATION

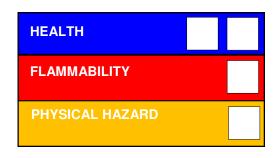
Further information

NFPA 704:



Special hazard

HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

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

-A)

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 -

threshold limit values (US)



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA CARC : OSHA Specifically Regulated Chemicals/Carcinogens OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants -

1910.1000

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

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 ACGIHTLV / TWA value : Time Weighted Average (TWA):

NIOSH / Ceil_Time : Ceiling Limit Value and Time Period (if specified):

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

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek

NIOSH REL / C : Ceiling value not be exceeded at any time.

OSHA CARC / PEL : Permissible exposure limit (PEL)
OSHA P0 / TWA : 8-hour time weighted average
OSHA Z-1 / TWA : 8-hour time weighted average
OSHA Z-3 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the



MasterSeal NP 2 Ist

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

1.0 01/05/2021 000000534118 Date of first issue: 01/05/2021

Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

Revision Date : 01/05/2021

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