We create chemistry

# Safety Data Sheet
## MasterSeal M 200SLV also SONOGUARD BASE COAT SELF LEVEL



## 1. Identification

### Product identifier used on the label

**MasterSeal M 200SLV also SONOGUARD BASE COAT SELF LEVEL**

### Recommended use of the chemical and restriction on use
Recommended use*: for industrial and professional users

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

### Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

### Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

### Other means of identification
Chemical family: No applicable information available.

## 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### Classification of the product

| | | |
|---|---|---|
| Flam. Liq. | 3 | Flammable liquids |
| Acute Tox. | 3 (Inhalation - vapour) | Acute toxicity |
| Resp. Sens. | 1 | Respiratory sensitization |
| Skin Sens. | 1 | Skin sensitization |
| Carc. | 2 | Carcinogenicity |
| Repr. | 1B (fertility) | Reproductive toxicity |

| | | |
|---|---|---|
| Repr. | 1B (unborn child) | Reproductive toxicity |
| STOT RE | 1 | Specific target organ toxicity — repeated exposure |

**Label elements**

Pictogram:

Signal Word:
Danger

Hazard Statement:

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| H331 | Toxic if inhaled. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H317 | May cause an allergic skin reaction. |
| H351 | Suspected of causing cancer. |
| H372 | Causes damage to organs (Central nervous system) through prolonged or repeated exposure. |
| H360 | May damage fertility. May damage the unborn child. |

Precautionary Statements (Prevention):

| | |
|---|---|
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P260 | Do not breathe dust/gas/mist/vapours. |
| P261 | Avoid breathing vapours. |
| P201 | Obtain special instructions before use. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P243 | Take precautionary measures against static discharge. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P284 | [In case of inadequate ventilation] wear respiratory protection. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P264 | Wash with plenty of water and soap thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P242 | Use only non-sparking tools. |
| P240 | Ground/bond container and receiving equipment. |

Precautionary Statements (Response):

| | |
|---|---|
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P311 | Call a POISON CENTER or doctor/physician. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P362 + P364 | Take off contaminated clothing and wash before reuse. |
| P370 + P378 | In case of fire: Use alcohol-resistant foam, carbon dioxide, dry powder or water spray for extinction. |

Precautionary Statements (Storage):

| | |
|---|---|
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P233 | Keep container tightly closed. |
| P405 | Store locked up. |

Precautionary Statements (Disposal):

| | |
|---|---|
| P501 | Dispose of contents/container to hazardous or special waste collection point. |

### Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

| CAS Number | Weight % | Chemical name |
|---|---|---|
| 1317-65-3 | >= 0.0 - < 50.0% | Limestone |
| 8052-41-3 | >= 15.0 - < 20.0% | Stoddard solvent |
| 14807-96-6 | >= 7.0 - < 10.0% | talc |
| 584-84-9 | >= 3.0 - < 5.0% | toluene-2,4-diisocyanate |
| 7778-18-9 | >= 0.0 - < 3.0% | Calcium sulphate |
| 13463-67-7 | >= 0.0 - < 3.0% | Titanium dioxide |
| 91-08-7 | >= 0.3 - < 1.0% | toluene-2,6-diisocyanate |
| 2530-83-8 | >= 0.3 - < 1.0% | trimethoxy(3-(oxiranylmethoxy)propyl)silane |
| 77-58-7 | >= 0.1 - < 0.2% | dibutyltin dilaurate |

## 4. First-Aid Measures

### Description of first aid measures

**General advice:**
First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

**If inhaled:**
Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

**If on skin:**
Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

**If in eyes:**
In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

**If swallowed:**
Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

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

Hazards: Respiratory sensitization may result in allergic (asthma-like) signs in the lower respiratory tract including wheezing, shortness of breath and difficulty breathing, the onset of which may be delayed. Repeated inhalation of high concentrations may cause lung damage, including reduced lung function, which may be permanent. Substances eliciting lower respiratory tract irritation may worsen the asthma-like reactions that may be produced by product exposures.

### Indication of any immediate medical attention and special treatment needed

Note to physician

| | |
|---|---|
| Treatment: | Treat according to symptoms (decontamination, vital functions), no known specific antidote. |

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:
foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:
water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:
nitrous gases, fumes/smoke, isocyanate, vapour

### Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**
Keep containers cool by spraying with water if exposed to fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Absorb isocyanate with suitable absorbent material (see § 40 CFR, sections 260, 264 and 265 for further information). Shovel into open container. Do not make container pressure tight. Move container to a well-ventilated area (outside). Spill area can be decontaminated with the following recommended decontamination solution: Mixture of 90 % water, 8 % concentrated

ammonia, 2 % detergent. Add at a 10 to 1 ratio. Allow to stand for at least 48 hours to allow escape of evolved carbon dioxide.
For large amounts: If temporary control of isocyanate vapor is required, a blanket of protein foam or other suitable foam (available from most fire departments) may be placed over the spill. Transfer as much liquid as possible via pump or vacuum device into closed but not sealed containers for disposal.
For residues: The following measures should be taken for final cleanup: Wash down spill area with decontamination solution. Allow solution to stand for at least 10 minutes.
Dike spillage.

## 7. Handling and Storage

### Precautions for safe handling
Provide suitable exhaust ventilation at the processing machines. Ensure thorough ventilation of stores and work areas. Avoid aerosol formation. When handling heated product, vapours of the product should be ventilated, and respiratory protection used. Wear respiratory protection when spraying. Danger of bursting when sealed gastight. Protect against moisture. If bulging of drum occurs, transfer to well ventilated area, puncture to relieve pressure, open vent and let stand for 48 hours before resealing.

### Conditions for safe storage, including any incompatibilities
No applicable information available.

Suitable materials for containers: Steel with polyethylene liner

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

## 8. Exposure Controls/Personal Protection

**Components with occupational exposure limits**

| | | |
|---|---|---|
| dibutyltin dilaurate | OSHA PEL | PEL 0.1 mg/m3 (tin (Sn)); TWA value 0.1 mg/m3 (tin (Sn)); SKIN_FINAL (tin (Sn)); The substance can be absorbed through the skin. |
| | ACGIH TLV | TWA value 0.1 mg/m3 (tin (Sn)); STEL value 0.2 mg/m3 (tin (Sn)); Skin Designation (tin (Sn)); The substance can be absorbed through the skin. |
| toluene-2,6-diisocyanate | | |
| | ACGIH TLV | TWA value 0.005 ppm ; STEL value 0.02 ppm ; |
| toluene-2,4-diisocyanate | OSHA PEL | CLV 0.02 ppm 0.14 mg/m3 ; TWA value 0.005 ppm 0.04 mg/m3 ; STEL value 0.02 ppm 0.15 mg/m3 ; |
| | ACGIH TLV | TWA value 0.005 ppm ; STEL value 0.02 ppm ; |
| Limestone | OSHA PEL | PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ; TWA value 15 mg/m3 Total dust ; TWA value 5 mg/m3 Respirable fraction ; |

| | | |
|---|---|---|
| Calcium sulphate | OSHA PEL | PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ; TWA value 15 mg/m3 Total dust ; TWA value 5 mg/m3 Respirable fraction ; |
| | ACGIH TLV | TWA value 10 mg/m3 Inhalable fraction ; |
| Titanium dioxide | OSHA PEL | PEL 15 mg/m3 Total dust ; TWA value 10 mg/m3 Total dust ; |
| | ACGIH TLV | TWA value 10 mg/m3 ; |
| talc | OSHA PEL | TWA value 20 millions of particles per cubic foot of air ; TWA value 2.4 millions of particles per cubic foot of air Respirable ;<br>The exposure limit is calculated from the equation, 250/(%SiO2+5), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.<br>TWA value 0.1 mg/m3 Respirable ;<br>The exposure limit is calculated from the equation, 10/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.<br>TWA value 0.3 mg/m3 Total dust ;<br>The exposure limit is calculated from the equation, 30/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.<br>TWA value 2 mg/m3 Respirable dust ; TWA value 0.3 mg/m3 Total dust ;<br>The exposure limit is calculated from the equation, 30/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.<br>TWA value 0.1 mg/m3 Respirable ;<br>The exposure limit is calculated from the equation, 10/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.<br>TWA value 2.4 millions of particles per cubic foot of air Respirable ;<br>The exposure limit is calculated from the equation, 250/(%SiO2+5), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.<br>TWA value 20 millions of particles per cubic foot of air ; |
| | ACGIH TLV | TWA value 2 mg/m3 Respirable fraction ;<br>The value is for particulate matter containing no asbestos and <1% crystalline silica. |
| Stoddard solvent | OSHA PEL | PEL 500 ppm 2,900 mg/m3 ; |
| | ACGIH TLV | TWA value 100 ppm ; |

**Personal protective equipment**

**Respiratory protection:**
When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators. When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as long as appropriate precautions and change out schedules are in place. For emergency or non-routine, high exposure situations, including confined space entry, use a NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

**Hand protection:**
Chemical resistant protective gloves should be worn to prevent all skin contact., Suitable materials may include, chloroprene rubber (Neoprene), nitrile rubber (Buna N), chlorinated polyethylene, polyvinylchloride (Pylox), butyl rubber, fluoroelastomer (Viton), depending upon conditions of use.

**Eye protection:**
Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

**Body protection:**
Cover as much of the exposed skin as possible to prevent all skin contact., Suitable materials may include, saran-coated material, depending upon conditions of use.

**General safety and hygiene measures:**
Wear protective clothing as necessary to prevent contact. Eye wash fountains and safety showers must be easily accessible. Observe the appropriate PEL or TLV value. Wash soiled clothing immediately. Contaminated equipment or clothing should be cleaned after each use or disposed of.

## 9. Physical and Chemical Properties

| | | |
|---|---|---|
| Form: | liquid | |
| Odour: | solvent-like | |
| Odour threshold: | No applicable information available. | |
| Colour: | grey | |
| pH value: | neutral to slightly alkaline | |
| Melting point: | No applicable information available. | |
| Boiling point: | approx. 175 °C | |
| *Information on: Stoddard solvent* | | |
| Boiling range: | 220 - 300 °C | |
| --- | | |
| Sublimation point: | No applicable information available. | |
| Flash point: | 43.3 °C | |
| | 109.99 °F | (ASTM D3278) |
| Flammability: | Flammable. | |
| Lower explosion limit: | 1.0 %(V) | |
| Upper explosion limit: | 7.0 %(V) | |
| Vapour pressure: | The product has not been tested. | |
| Density: | 9.75 lb/USg | |
| | approx. 1.16 g/cm3 | |
| | ( 20 °C) | |
| Relative density: | No applicable information available. | |
| Vapour density: | No applicable information available. | |
| Partitioning coefficient n-octanol/water (log Pow): | No applicable information available. | |
| Thermal decomposition: | No decomposition if stored and handled as prescribed/indicated. | |

| | |
|---|---|
| Viscosity, dynamic: | approx. 4,000 - 9,000 mPa.s |
| Viscosity, kinematic: | No applicable information available. |
| Solubility in water: | ( 20 °C)<br>slightly soluble |
| Miscibility with water: | ( 20 °C)<br>not soluble |
| Solubility (quantitative): | No applicable information available. |
| Solubility (qualitative): | No applicable information available. |
| Evaporation rate: | No applicable information available. |
| Other Information: | If necessary, information on other physical and chemical parameters is indicated in this section. |

## 10. Stability and Reactivity

### Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:
Corrosive effects to metal are not anticipated.

### Chemical stability
The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions
The product is stable if stored and handled as prescribed/indicated.

### Conditions to avoid
See MSDS section 7 - Handling and storage.

### Incompatible materials
strong acids, strong bases, strong oxidizing agents, strong reducing agents

### Hazardous decomposition products

Decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:
No decomposition if stored and handled as prescribed/indicated.

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

Acute toxicity
Assessment of acute toxicity: Toxic by inhalation.

Oral

No applicable information available.

Inhalation
Type of value: ATE
Value: 2.44 mg/l
Determined for vapor

Dermal
No applicable information available.

Assessment other acute effects
No applicable information available.

Irritation / corrosion
Assessment of irritating effects: Not irritating to eyes and skin. The product has not been tested. The statement has been derived from the properties of the individual components.

Sensitization
Assessment of sensitization: Sensitization after skin contact possible. The substance may cause sensitization of the respiratory tract. As a result of previous repeated overexposures or a single large dose, certain individuals will develop isocyanate sensitization (chemical asthma) which will cause them to react to a later exposure to isocyanate at levels well below the PEL/TLV. These symptoms, which include chest tightness, wheezing, cough, shortness of breath, or asthmatic attack, could be immediate or delayed up to several hours after exposure. Similar to many non-specific asthmatic responses, there are reports that once sensitized an individual can experience these symptoms upon exposure to dust, cold air, or other irritants. This increased lung sensitivity can persist for weeks and in severe cases for several years. Chronic overexposure to isocyanates has also been reported to cause lung damage, including a decrease in lung function, which may be permanent. Prolonged contact can cause reddening, swelling, rash, scaling, or blistering. In those who have developed a skin sensitization, these symptoms can develop as a result of contact with very small amounts of liquid material, or even as a result of vapour-only exposure. Animal tests indicate that skin contact may play a role in causing respiratory sensitization.

### Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: May cause central nervous system effects. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

*Information on: toluene-2,4-diisocyanate*
*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). NTP listed carcinogen*

*Information on: toluene-2,6-diisocyanate*
*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

*Information on: Titanium dioxide*
*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.*

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Reproductive toxicity
Assessment of reproduction toxicity: Contains a reproductive toxin.

Teratogenicity
Assessment of teratogenicity: Contains a suspect teratogen.

**Symptoms of Exposure**

## 12. Ecological Information

No applicable information available.

## 13. Disposal considerations

**Waste disposal of substance:**
Dispose of in accordance with national, state and local regulations. Residues should be disposed of in the same manner as the substance/product. Do not discharge into drains/surface waters/groundwater.

**Container disposal:**
Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

## 14. Transport Information

**Land transport**
USDOT

| | |
|---|---|
| Hazard class: | C |
| Packing group: | III |
| ID number: | UN 1263 |
| Hazard label: | CBL |
| Proper shipping name: | PAINT, COMBUSTIBLE LIQUID<br>Classified as combustible liquid in containers greater than 119 gallons. |

**Sea transport**
IMDG

| | |
|---|---|
| Hazard class: | 3 |
| Packing group: | III |
| ID number: | UN 1263 |
| Hazard label: | 3 |
| Marine pollutant: | NO |
| Proper shipping name: | PAINT |

**Air transport**
IATA/ICAO

| | |
|---|---|
| Hazard class: | 3 |
| Packing group: | III |
| ID number: | UN 1263 |
| Hazard label: | 3 |
| Proper shipping name: | PAINT |

**Further information**
Not dangerous goods of class 3 in packages up to 450 litres capacity (valid for ADR, ADNR, RID, TDG and USDOT).

## 15. Regulatory Information

**Federal Regulations**

**Registration status:**
Chemical TSCA, US released / listed

TSCA § 5 proposed Significant New Use Restriction (SNUR)
This product contains a substance subject to a pending SNUR.
40 CFR 721.10789

**EPCRA 311/312 (Hazard categories):** Acute; Chronic; Fire

**EPCRA 313:**

| CAS Number | Chemical name |
|---|---|
| 91-08-7 | toluene-2,6-diisocyanate |
| 584-84-9 | toluene-2,4-diisocyanate |

| CERCLA RQ | CAS Number | Chemical name |
|---|---|---|
| 5000 LBS | 7664-38-2 | phosphoric acid |
| 1000 LBS | 108-88-3 | Toluene |
| 100 LBS | 584-84-9; 91-08-7 | toluene-2,4-diisocyanate; toluene-2,6-diisocyanate |

**CA Prop. 65:**
WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

**NFPA Hazard codes:**
Health : 3 Fire: 2 Reactivity: 0 Special:

## 16. Other Information

**SDS Prepared by:**
BASF NA Product Regulations
SDS Prepared on: 2015/07/08

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.

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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.
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