

## Safety Data Sheet acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

### 1 Identification

- Product identifier
- Trade name: SMT3931 SMART DTM Primer Black
- Article number: *SMT3931*
- Application of the substance / the mixture *Coating*
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
*Distributed By:*  
*FinishMaster, Inc.*  
*115 W. Washington St., Suite 700S*  
*Indianapolis, IN 46204*  
*317-237-3678.*
- Information department: *317 237 3678*
- Emergency telephone number: *INFOTRAC 1-800-535-5053*

### 2 Hazard(s) identification

- Classification of the substance or mixture



*GHS02 GHS04 Flame, Gas cylinder*

*Flam. Aerosol 1 H222 Extremely flammable aerosol.*



*GHS04 Gas cylinder*

*Press. Gas H280 Contains gas under pressure; may explode if heated.*



*GHS08 Health hazard*

*Repr. 2 H361 Suspected of damaging fertility or the unborn child.*

*STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.*



*GHS07*

*Skin Irrit. 2 H315 Causes skin irritation.*

*Eye Irrit. 2A H319 Causes serious eye irritation.*

*STOT SE 3 H336 May cause drowsiness or dizziness.*

- Label elements

- GHS label elements

*The product is classified and labeled according to the Globally Harmonized System (GHS).*

(Contd. on page 2)

USA

## Safety Data Sheet acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 1)

## · Hazard pictograms



GHS02 GHS04 GHS07 GHS08

· Signal word *Danger*

## · Hazard-determining components of labeling:

*toluene*  
*acetone*  
*butanone*

## · Hazard statements

*H222 Extremely flammable aerosol.*  
*H280 Contains gas under pressure; may explode if heated.*  
*H315 Causes skin irritation.*  
*H319 Causes serious eye irritation.*  
*H361 Suspected of damaging fertility or the unborn child.*  
*H336 May cause drowsiness or dizziness.*  
*H373 May cause damage to organs through prolonged or repeated exposure.*

## · Precautionary statements

*P201 Obtain special instructions before use.*  
*P202 Do not handle until all safety precautions have been read and understood.*  
*P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*  
*P211 Do not spray on an open flame or other ignition source.*  
*P251 Pressurized container: Do not pierce or burn, even after use.*  
*P260 Do not breathe dust/fume/gas/mist/vapors/spray.*  
*P264 Wash thoroughly after handling.*  
*P271 Use only outdoors or in a well-ventilated area.*  
*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.*  
*P308+P313 IF exposed or concerned: Get medical advice/attention.*  
*P312 Call a poison center/doctor if you feel unwell.*  
*P321 Specific treatment (see on this label).*  
*P314 Get medical advice/attention if you feel unwell.*  
*P362+P364 Take off contaminated clothing and wash it before reuse.*  
*P332+P313 If skin irritation occurs: Get medical advice/attention.*  
*P337+P313 If eye irritation persists: Get medical advice/attention.*  
*P403+P233 Store in a well-ventilated place. Keep container tightly closed.*  
*P405 Store locked up.*  
*P410+P403 Protect from sunlight. Store in a well-ventilated place.*  
*P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.*  
*P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*

(Contd. on page 3)

USA

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 2)

- Classification system:
- NFPA ratings (scale 0 - 4)



Health = 2  
Fire = 4  
Reactivity = 3

- HMIS-ratings (scale 0 - 4)



Health = 2  
Fire = 4  
Reactivity = 3

- Other hazards
- Results of PBT and vPvB assessment
- PBT: *Not applicable.*
- vPvB: *Not applicable.*

### \* 3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description:  
*Mixture: consisting of the following components.  
Weight percentages*

- Dangerous components:

67-64-1 acetone	30-40%
68476-86-8 Petroleum gases, liquefied, sweetened	13-30%
108-88-3 toluene	≥7-<10%
98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene	5-7%
110-19-0 isobutyl acetate	1.5-5%
78-93-3 butanone	1.5-5%
1333-86-4 Carbon black	1.5-5%
763-69-9 ethyl 3-ethoxypropionate	1-1.5%

### \* 4 First-aid measures

- Description of first aid measures
- After inhalation:  
*In case of unconsciousness place patient stably in side position for transportation.*
- After skin contact: *Immediately wash with water and soap and rinse thoroughly.*
- After eye contact:  
*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*
- After swallowing: *If symptoms persist consult doctor.*
- Information for doctor:
- Most important symptoms and effects, both acute and delayed  
*No further relevant information available.*

(Contd. on page 4)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 3)

- Indication of any immediate medical attention and special treatment needed  
*No further relevant information available.*

## \* 5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:  
*CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*
- Special hazards arising from the substance or mixture *No further relevant information available.*
- Advice for firefighters
- Protective equipment: *Wear self-contained respiratory protective device.*

## \* 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures  
*Wear protective equipment. Keep unprotected persons away.*
- Environmental precautions: *Do not allow to enter sewers/ surface or ground water.*
- Methods and material for containment and cleaning up:  
*Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.*
- Reference to other sections  
*See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.*
- Protective Action Criteria for Chemicals
- PAC-1:

*67-64-1 acetone: 200 ppm*

*108-88-3 toluene: 67 ppm*

*110-19-0 isobutyl acetate: 450 ppm*

*78-93-3 butanone: 200 ppm*

*1333-86-4 Carbon black: 9 mg/m<sup>3</sup>*

*763-69-9 ethyl 3-ethoxypropionate: 1.6 ppm*

*2807-30-9 2-(propyloxy)ethanol: 2.2 ppm*

*108-65-6 2-methoxy-1-methylethyl acetate: 50 ppm*

*112926-00-8 precipitated Silica (Silica-Amorphous): 18 mg/m<sup>3</sup>*

*95-63-6 1,2,4-trimethylbenzene: 140 ppm*

*67-56-1 methanol: 530 ppm*

*1330-20-7 xylene: 130 ppm*

*100-41-4 ethylbenzene: 33 ppm*

*78-83-1 butanol: 150 ppm*

*57-55-6 Methyl glycol: 30 mg/m<sup>3</sup>*

*7727-43-7 barium sulphate, natural: 15 mg/m<sup>3</sup>*

(Contd. on page 5)

USA

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 4)

**· PAC-2:**

- 67-64-1 acetone: 3200\* ppm
- 108-88-3 toluene: 560 ppm
- 110-19-0 isobutyl acetate: 1300\* ppm
- 78-93-3 butanone: 2700\* ppm
- 1333-86-4 Carbon black: 99 mg/m<sup>3</sup>
- 763-69-9 ethyl 3-ethoxypropionate: 18 ppm
- 2807-30-9 2-(propyloxy)ethanol: 24 ppm
- 108-65-6 2-methoxy-1-methylethyl acetate: 1,000 ppm
- 112926-00-8 precipitated Silica (Silica-Amorphous): 200 mg/m<sup>3</sup>
- 95-63-6 1,2,4-trimethylbenzene: 360 ppm
- 67-56-1 methanol: 2,100 ppm
- 1330-20-7 xylene: 920\* ppm
- 100-41-4 ethylbenzene: 1100\* ppm
- 78-83-1 butanol: 1,300 ppm
- 57-55-6 Methyl glycol: 1,300 mg/m<sup>3</sup>
- 7727-43-7 barium sulphate, natural: 170 mg/m<sup>3</sup>

**· PAC-3:**

- 67-64-1 acetone: 5700\* ppm
- 108-88-3 toluene: 3700\* ppm
- 110-19-0 isobutyl acetate: 7500\*\* ppm
- 78-93-3 butanone: 4000\* ppm
- 1333-86-4 Carbon black: 590 mg/m<sup>3</sup>
- 763-69-9 ethyl 3-ethoxypropionate: 110 ppm
- 2807-30-9 2-(propyloxy)ethanol: 140 ppm
- 108-65-6 2-methoxy-1-methylethyl acetate: 5000\* ppm
- 112926-00-8 precipitated Silica (Silica-Amorphous): 1,200 mg/m<sup>3</sup>
- 95-63-6 1,2,4-trimethylbenzene: 480 ppm
- 67-56-1 methanol: 7200\* ppm
- 1330-20-7 xylene: 2500\* ppm
- 100-41-4 ethylbenzene: 1800\* ppm
- 78-83-1 butanol: 8000\* ppm
- 57-55-6 Methyl glycol: 7,900 mg/m<sup>3</sup>
- 7727-43-7 barium sulphate, natural: 990 mg/m<sup>3</sup>

**\* 7 Handling and storage**

- Handling:
- Precautions for safe handling *No special measures required.*
- Information about protection against explosions and fires:  
*Do not spray on a naked flame or any incandescent material.*

(Contd. on page 6)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 5)

**Keep ignition sources away - Do not smoke.**

**Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.**

- Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles:  
**Observe official regulations on storing packagings with pressurized containers.**
- Information about storage in one common storage facility: **Store away from oxidizing agents.**
- Further information about storage conditions: **Keep receptacle tightly sealed.**
- Specific end use(s) **No further relevant information available.**

## 8 Exposure controls/personal protection

- Additional information about design of technical systems: **No further data; see item 7.**
- Control parameters
- Components with limit values that require monitoring at the workplace:  
**The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.**  
**At this time, the other constituents have no known exposure limits.**

**67-64-1 acetone**

**PEL Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppm**

**REL Long-term value: 590 mg/m<sup>3</sup>, 250 ppm**

**TLV Short-term value: 1187 mg/m<sup>3</sup>, 500 ppm**

**Long-term value: 594 mg/m<sup>3</sup>, 250 ppm**

**BEI**

**108-88-3 toluene**

**PEL Long-term value: 200 ppm**

**Ceiling limit value: 300; 500\* ppm**

**\*10-min peak per 8-hr shift**

**REL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm**

**Long-term value: 375 mg/m<sup>3</sup>, 100 ppm**

**TLV Long-term value: 75 mg/m<sup>3</sup>, 20 ppm**

**BEI**

**110-19-0 isobutyl acetate**

**PEL Long-term value: 700 mg/m<sup>3</sup>, 150 ppm**

**REL Long-term value: 700 mg/m<sup>3</sup>, 150 ppm**

**TLV Short-term value: 712 mg/m<sup>3</sup>, 150 ppm**

**Long-term value: 238 mg/m<sup>3</sup>, 50 ppm**

**78-93-3 butanone**

**PEL Long-term value: 590 mg/m<sup>3</sup>, 200 ppm**

**REL Short-term value: 885 mg/m<sup>3</sup>, 300 ppm**

**Long-term value: 590 mg/m<sup>3</sup>, 200 ppm**

**TLV Short-term value: 885 mg/m<sup>3</sup>, 300 ppm**

**Long-term value: 590 mg/m<sup>3</sup>, 200 ppm**

**BEI**

(Contd. on page 7)

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 6)

**1333-86-4 Carbon black****PEL Long-term value: 3.5 mg/m<sup>3</sup>****REL Long-term value: 3.5\* mg/m<sup>3</sup>****\*0.1 in presence of PAHs; See Pocket Guide Apps.A+C****TLV Long-term value: 3\* mg/m<sup>3</sup>****\*inhalable fraction****· Ingredients with biological limit values:****67-64-1 acetone****BEI 50 mg/L****Medium: urine****Time: end of shift****Parameter: Acetone (nonspecific)****108-88-3 toluene****BEI 0.02 mg/L****Medium: blood****Time: prior to last shift of workweek****Parameter: Toluene****0.03 mg/L****Medium: urine****Time: end of shift****Parameter: Toluene****0.3 mg/g creatinine****Medium: urine****Time: end of shift****Parameter: o-Cresol with hydrolysis (background)****78-93-3 butanone****BEI 2 mg/L****Medium: urine****Time: end of shift****Parameter: MEK****· Additional information: The lists that were valid during the creation were used as basis.****· Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:****Keep away from foodstuffs, beverages and feed.****Immediately remove all soiled and contaminated clothing.****Wash hands before breaks and at the end of work.****Store protective clothing separately.****Avoid contact with the eyes and skin.****· Breathing equipment:****In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.**

(Contd. on page 8)

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 7)

- Protection of hands:  
*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*  
*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*



**Protective gloves**

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

- Material of gloves  
*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*
- Penetration time of glove material  
*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*
- Eye protection:  
**Safety glasses**



**Tightly sealed goggles**

## 9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
  - Form: **Aerosol**
  - Color: **According to product specification**
- Odor: **Characteristic**
- Odor threshold: **Not determined.**
- pH-value: **Not determined.**
- Change in condition
  - Melting point/Melting range: **Undetermined.**
  - Boiling point/Boiling range: **55.8-56.6 °C**
- Flash point: **-103 °C**
- Flammability (solid, gaseous): **Not applicable.**
- Ignition temperature: **465 °C**
- Decomposition temperature: **Not determined.**

(Contd. on page 9)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 8)

- Auto igniting: *Product is not selfigniting.*
- Danger of explosion: *In use, may form flammable/explosive vapour-air mixture. Avoid high heat*
- Explosion limits:
  - Lower: *1.9 Vol %*
  - Upper: *13 Vol %*
- Vapor pressure at 20 °C: *233 hPa*
- Density at 20 °C: *0.75642 g/cm<sup>3</sup>*
- Relative density: *Not determined.*
- Vapor density: *Not determined.*
- Evaporation rate: *Not applicable.*
- Solubility in / Miscibility with Water: *Not miscible or difficult to mix.*
- Partition coefficient (n-octanol/water): *Not determined.*
- Viscosity:
  - Dynamic: *Not determined.*
  - Kinematic: *Not determined.*
- Solvent content:
  - Organic solvents: *89.2 %*
  - Water: *0.0 %*
  - VOC content: *46.94 %*  
*572.7 g/l / 4.78 lb/gl*
- Solids content: *10.7 %*
- Other information: *No further relevant information available.*

**10 Stability and reactivity**

- Reactivity *No further relevant information available.*
- Chemical stability
- Thermal decomposition / conditions to be avoided: *No decomposition if used according to specifications.*
- Possibility of hazardous reactions *No dangerous reactions known.*
- Conditions to avoid *No further relevant information available.*
- Incompatible materials: *No further relevant information available.*
- Hazardous decomposition products:
  - Nitrogen oxides*
  - Hydrocarbons*
  - Carbon monoxide and carbon dioxide*

USA

(Contd. on page 10)

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 9)

## 11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- LD/LC50 values that are relevant for classification:

---

  - 108-88-3 toluene*
  - Oral LD50 5,000 mg/kg (rat)*
  - Dermal LD50 12,124 mg/kg (rabbit)*
  - Inhalative LC50/4 h 5,320 mg/l (mouse)*
- Primary irritant effect:
  - on the skin: *Irritant to skin and mucous membranes.*
  - on the eye: *Irritating effect.*
- Sensitization: *No sensitizing effects known.*
- Additional toxicological information:  
*The product shows the following dangers according to internally approved calculation methods for preparations:*  
*Irritant*
- Carcinogenic categories
- IARC (International Agency for Research on Cancer)

---

  - 108-88-3 toluene: 3*
  - 1333-86-4 Carbon black: 2B*  
*BENTONITE: suspected carcinogen <2% 14808-60-7*
  - 1330-20-7 xylene: 3*
  - 100-41-4 ethylbenzene: 2B*
- NTP (National Toxicology Program)

---

*None of the ingredients is listed.*
- OSHA-Ca (Occupational Safety & Health Administration)

---

*68911-87-5 montmorillonite clay complex*

## 12 Ecological information

- Toxicity
- Aquatic toxicity: *No further relevant information available.*
- Persistence and degradability *No further relevant information available.*
- Behavior in environmental systems:
- Bioaccumulative potential *No further relevant information available.*
- Mobility in soil *No further relevant information available.*
- Additional ecological information:
- General notes:  
*Water hazard class 3 (Self-assessment): extremely hazardous for water*  
*Do not allow product to reach ground water, water course or sewage system, even in small quantities.*  
*Danger to drinking water if even extremely small quantities leak into the ground.*
- Results of PBT and vPvB assessment
- PBT: *Not applicable.*
- vPvB: *Not applicable.*

(Contd. on page 11)

## Safety Data Sheet acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 10)

· Other adverse effects *No further relevant information available.*

### 13 Disposal considerations

- Waste treatment methods
- Recommendation:  
*Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
- Uncleaned packagings:
- Recommendation: *Disposal must be made according to official regulations.*

### \* 14 Transport information

- UN-Number
- DOT, ADR, IMDG, IATA
- UN proper shipping name
- DOT
- ADR
- IMDG
- IATA
- Transport hazard class(es)

UN1950

Aerosols, flammable

1950 Aerosols

AEROSOLS

AEROSOLS, flammable

- DOT



- Class 2.1
- Label 2.1

- ADR



- Class 2 5F Gases
- Label 2.1

- IMDG, IATA



- Class 2.1
- Label 2.1
- Packing group
- DOT, ADR, IMDG, IATA Void

(Contd. on page 12)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 11)

- Environmental hazards: **No**
- Marine pollutant: **No**
- Special precautions for user: **Warning: Gases**
- EMS Number: **F-D,S-U**
- Stowage Code: **SW1 Protected from sources of heat.**  
**SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.**
- Segregation Code: **SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.**
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: **Not applicable.**
- Transport/Additional information:
- DOT
- Quantity limitations: **On passenger aircraft/rail: 75 kg**  
**On cargo aircraft only: 150 kg**

---

- ADR
- Excepted quantities (EQ): **Code: E0**  
**Not permitted as Excepted Quantity**

---

- IMDG
- Limited quantities (LQ): **1L**
- Excepted quantities (EQ): **Code: E0**  
**Not permitted as Excepted Quantity**
- UN "Model Regulation": **UN 1950 AEROSOLS, 2.1**

## \* 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara
- Section 355 (extremely hazardous substances):  

---

**None of the ingredient is listed.**
- Section 313 (Specific toxic chemical listings):  

---

**108-88-3 toluene**  
**Acrylic Resin**  
**78-93-3 butanone**  
**95-63-6 1,2,4-trimethylbenzene**  
**67-56-1 methanol**  
**1330-20-7 xylene**  
**100-41-4 ethylbenzene**

(Contd. on page 13)

USA

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 12)

**7727-43-7 barium sulphate, natural****· TSCA (Toxic Substances Control Act):****67-64-1 acetone****108-88-3 toluene****98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene****110-19-0 isobutyl acetate****78-93-3 butanone****1333-86-4 Carbon black****763-69-9 ethyl 3-ethoxypropionate****16883-83-3 benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate****2807-30-9 2-(propyloxy)ethanol****108-65-6 2-methoxy-1-methylethyl acetate****64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy****68911-87-5 montmorilontie clay complex****95-63-6 1,2,4-trimethylbenzene****67-56-1 methanol****1330-20-7 xylene****147-14-8 Phthalocyanine Blue****100-41-4 ethylbenzene****78-83-1 butanol****57-55-6 Methyl glycol****7727-43-7 barium sulphate, natural****7732-18-5 water****· TSCA new (21st Century Act) (Substances not listed)****68476-86-8 Petroleum gases, liquefied, sweetened****· Proposition 65****· Chemicals known to cause cancer:****1333-86-4 Carbon black****95-63-6 1,2,4-trimethylbenzene****1330-20-7 xylene****100-41-4 ethylbenzene****· Chemicals known to cause reproductive toxicity for females:****None of the ingredients is listed.****· Chemicals known to cause reproductive toxicity for males:****None of the ingredients is listed.****· Chemicals known to cause developmental toxicity:****108-88-3 toluene****67-56-1 methanol****· Cancerogenity categories****· EPA (Environmental Protection Agency)****67-64-1 acetone: I**

(Contd. on page 14)

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 13)

*108-88-3 toluene: II**78-93-3 butanone: I**95-63-6 1,2,4-trimethylbenzene: II**1330-20-7 xylene: I**100-41-4 ethylbenzene: D**7727-43-7 barium sulphate, natural: D, CBD(inh), NL(oral)*

· TLV (Threshold Limit Value established by ACGIH)

*67-64-1 acetone: A4**108-88-3 toluene: A4**1333-86-4 Carbon black: A4**1330-20-7 xylene: A4**100-41-4 ethylbenzene: A3*

· NIOSH-Ca (National Institute for Occupational Safety and Health)

*1333-86-4 Carbon black**67-56-1 methanol*

· GHS label elements

*The product is classified and labeled according to the Globally Harmonized System (GHS).*

· Hazard pictograms



GHS02 GHS04 GHS07 GHS08

· Signal word *Danger*

· Hazard-determining components of labeling:

*toluene**acetone**butanone*

· Hazard statements

*H222 Extremely flammable aerosol.**H280 Contains gas under pressure; may explode if heated.**H315 Causes skin irritation.**H319 Causes serious eye irritation.**H361 Suspected of damaging fertility or the unborn child.**H336 May cause drowsiness or dizziness.**H373 May cause damage to organs through prolonged or repeated exposure.*

· Precautionary statements

*P201 Obtain special instructions before use.**P202 Do not handle until all safety precautions have been read and understood.**P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.**P211 Do not spray on an open flame or other ignition source.**P251 Pressurized container: Do not pierce or burn, even after use.**P260 Do not breathe dust/fume/gas/mist/vapors/spray.**P264 Wash thoroughly after handling.*

(Contd. on page 15)

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 14)

- P271** Use only outdoors or in a well-ventilated area.  
**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.  
**P308+P313** IF exposed or concerned: Get medical advice/attention.  
**P312** Call a poison center/doctor if you feel unwell.  
**P321** Specific treatment (see on this label).  
**P314** Get medical advice/attention if you feel unwell.  
**P362+P364** Take off contaminated clothing and wash it before reuse.  
**P332+P313** If skin irritation occurs: Get medical advice/attention.  
**P337+P313** If eye irritation persists: Get medical advice/attention.  
**P403+P233** Store in a well-ventilated place. Keep container tightly closed.  
**P405** Store locked up.  
**P410+P403** Protect from sunlight. Store in a well-ventilated place.  
**P410+P412** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

**16 Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- Department issuing SDS: Environment protection department.
- Contact: 317-237-3678.
- Date of preparation / last revision 03/14/2018 / 12

**· Abbreviations and acronyms:**

**RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

**ICAO:** International Civil Aviation Organisation

**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

**IMDG:** International Maritime Code for Dangerous Goods

**DOT:** US Department of Transportation

**IATA:** International Air Transport Association

**ACGIH:** American Conference of Governmental Industrial Hygienists

**EINECS:** European Inventory of Existing Commercial Chemical Substances

**ELINCS:** European List of Notified Chemical Substances

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**NFPA:** National Fire Protection Association (USA)

**HMS:** Hazardous Materials Identification System (USA)

**VOC:** Volatile Organic Compounds (USA, EU)

**LC50:** Lethal concentration, 50 percent

**LD50:** Lethal dose, 50 percent

**PBT:** Persistent, Bioaccumulative and Toxic

**vPvB:** very Persistent and very Bioaccumulative

**NIOSH:** National Institute for Occupational Safety

**OSHA:** Occupational Safety & Health

**TLV:** Threshold Limit Value

**PEL:** Permissible Exposure Limit

**REL:** Recommended Exposure Limit

(Contd. on page 16)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 11/01/2016

Trade name: SMT3931 SMART DTM Primer Black

(Contd. of page 15)

*BEI: Biological Exposure Limit*

*Flam. Aerosol 1: Aerosols – Category 1*

*Press. Gas: Gases under pressure – Compressed gas*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A*

*Repr. 2: Reproductive toxicity – Category 2*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

**\* Data compared to the previous version altered.**

USA