

Safety Data Sheet acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

1 Identification

- Product identifier
- Trade name: SMT3940 SMART Clear Coat HG
- Article number: *SMT3940*
- 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.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

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).
- Hazard pictograms



GHS02 GHS04 GHS07

- Signal word *Danger*
- Hazard-determining components of labeling:
acetone

(Contd. on page 2)

USA

Safety Data Sheet acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 1)

bis(1,2,2,6,6-Pentamethyl-4-piperidinyI) sebacate

· Hazard statements

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

· Precautionary statements

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.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

P280 Wear protective gloves / eye protection / face protection.

P302+P352 If on skin: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a poison center/doctor if you feel unwell.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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.

· 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.*

USA

(Contd. on page 3)



Safety Data Sheet

acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 2)

3 Composition/information on ingredients

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

- Dangerous components:

68476-86-8 Petroleum gases, liquefied, sweetened	13-30%
67-64-1 acetone	13-30%
110-19-0 isobutyl acetate	13-30%
110-43-0 heptan-2-one	10-13%
763-69-9 ethyl 3-ethoxypropionate	1.5-5%
25973-55-1 2-(2-HYDROXY-3-5-DI--(TERT)-AMYLPHENYL)BENZOTRIAZOLE	≥0.1-≤1%
41556-26-7 bis(1,2,2,6,6-Pentamethyl-4-piperidinyI) sebacate	≥0.1-<1%

4 First-aid measures

- Description of first aid measures
- After inhalation:
Supply fresh air and to be sure call for a doctor.
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.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:
CO₂, 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: *No special measures required.*

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 3)

- Environmental precautions: *Do not allow to enter sewers/ surface or ground water.*
- Methods and material for containment and cleaning up: *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

110-19-0 isobutyl acetate: 450 ppm

110-43-0 heptan-2-one: 150 ppm

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

- PAC-2:

67-64-1 acetone: 3200* ppm

110-19-0 isobutyl acetate: 1300* ppm

110-43-0 heptan-2-one: 670 ppm

763-69-9 ethyl 3-ethoxypropionate: 18 ppm

- PAC-3:

67-64-1 acetone: 5700* ppm

110-19-0 isobutyl acetate: 7500** ppm

110-43-0 heptan-2-one: 4000* ppm

763-69-9 ethyl 3-ethoxypropionate: 110 ppm

* 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.
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: *Not required.*
 - 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.*

(Contd. on page 5)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 4)

- 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/m³, 1000 ppm
 - REL Long-term value: 590 mg/m³, 250 ppm
 - TLV Short-term value: 1187 mg/m³, 500 ppm
 - Long-term value: 594 mg/m³, 250 ppm
 - BEI
 - 110-19-0 isobutyl acetate
 - PEL Long-term value: 700 mg/m³, 150 ppm
 - REL Long-term value: 700 mg/m³, 150 ppm
 - TLV Short-term value: 712 mg/m³, 150 ppm
 - Long-term value: 238 mg/m³, 50 ppm
 - 110-43-0 heptan-2-one
 - PEL Long-term value: 465 mg/m³, 100 ppm
 - REL Long-term value: 465 mg/m³, 100 ppm
 - TLV Long-term value: 233 mg/m³, 50 ppm
- Ingredients with biological limit values:

 - 67-64-1 acetone
 - BEI 50 mg/L
 - Medium: urine
 - Time: end of shift
 - Parameter: Acetone (nonspecific)
- 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.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- Breathing equipment: *Not required.*
- 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

(Contd. on page 6)

USA

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 5)



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 trough 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 °C

- Flash point:

-103 °C

- Flammability (solid, gaseous):

Not applicable.

- Ignition temperature:

405 °C

- Decomposition temperature:

Not determined.

- Auto igniting:

Product is not selfigniting.

- Danger of explosion:

In use, may form flammable/explosive vapour-air mixture.

- Explosion limits:

Lower:

1 Vol %

Upper:

13 Vol %

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 6)

- Vapor pressure at 20 °C: **233 hPa**
- Density at 20 °C: **0.75128 g/cm³**
- 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: **86.5 %**
 - VOC content: **62.71 %**
609.1 g/l / 5.08 lb/gl
- Solids content: **13.5 %**
- 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: **No dangerous decomposition products known.**

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
 - on the skin: **No irritant effect.**
 - on the eye: **Irritating effect.**
- Sensitization: **Sensitization possible through skin contact.**
- 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)

None of the ingredients is listed.

(Contd. on page 8)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 7)

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

* 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 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment
- PBT: *Not applicable.*
- vPvB: *Not applicable.*
- 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
- UN1950*
Aerosols, flammable
1950 Aerosols
AEROSOLS
AEROSOLS, flammable

(Contd. on page 9)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 8)

· Transport hazard class(es)

· 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**

· Environmental hazards:

· 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.**

(Contd. on page 10)



Safety Data Sheet

acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 9)

· 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):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

67-64-1 acetone

110-19-0 isobutyl acetate

110-43-0 heptan-2-one

763-69-9 ethyl 3-ethoxypropionate

16883-83-3 benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate

25973-55-1 2-(2-HYDROXY-3-5-DI--(TERT)-AMYLPHENYL)BENZOTRIAZOLE

41556-26-7 bis(1,2,2,6,6-Pentamethyl-4-piperidiny) sebacate

82919-37-7 Methyl (1,2,2,6,6,- pentamethyl-4-piperidiny) sebacate

106-79-6 Dimethyl sebacate(Impurity)

2403-89-6 4-Piperidinol, 1,2,2,6,6 pentamethyl- (Impurity)

· TSCA new (21st Century Act) (Substances not listed)

68476-86-8 Petroleum gases, liquefied, sweetened

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· 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:

None of the ingredients is listed.

(Contd. on page 11)

Safety Data Sheet acc. to OSHA HCS

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 10)

- Cancerogenity categories
- EPA (Environmental Protection Agency)
67-64-1 acetone: I
- TLV (Threshold Limit Value established by ACGIH)
67-64-1 acetone: A4
- NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.
- GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms



GHS02 GHS04 GHS07

- Signal word *Danger*
- Hazard-determining components of labeling:
acetone
bis(1,2,2,6,6-Pentamethyl-4-piperidiny) sebacate
- Hazard statements
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
- Precautionary statements
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.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves / eye protection / face protection.
P302+P352 If on skin: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a poison center/doctor if you feel unwell.
P321 Specific treatment (see on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
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.

(Contd. on page 12)

USA

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

Printing date 03/14/2018

Reviewed on 10/05/2016

Trade name: SMT3940 SMART Clear Coat HG

(Contd. of page 11)

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)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

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

BEI: Biological Exposure Limit

Flam. Aerosol 1: Aerosols – Category 1

Press. Gas: Gases under pressure – Compressed gas

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

Skin Sens. 1: Skin sensitisation – Category 1

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

- * Data compared to the previous version altered.