

## HOSTAVIN N 392 MICROPOWDER

Page 1

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

## SECTION 1. IDENTIFICATION

**Identification of the company:**

Clariant Plastics & Coating USA Inc.  
4000 Monroe Road  
Charlotte, NC, 28205  
Telephone No.: +1 704 331 7000

**Information of the substance/preparation:**

Product Stewardship, +1-704-331-7710

**Emergency tel. number:** +1 800-424-9300 CHEMTREC**Trade name:**

HOSTAVIN N 392 MICROPOWDER

**Material number:**

149340

**Primary product use:**

Additive

**Chemical family:**

Mixture of a loaded sterically amine compound and a polyethylene wax

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with 29 CFR 1910.1200**

Combustible dust

**GHS label elements**

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.

**Other hazards**

No additional hazards are known except those derived from the labelling.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Substance name : Mixture of a loaded sterically amine compound and a polyethylene wax

**Hazardous components**

No hazardous ingredients

## SECTION 4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.

If inhaled : Move the victim to fresh air.

## HOSTAVIN N 392 MICROPOWDER

Page 2

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

- Give oxygen or artificial respiration if needed.  
Get immediate medical advice/ attention.  
Never give anything by mouth to an unconscious person.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water.  
  
Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately if irritation develops and persists.
- If swallowed : Call in a physician immediately and show him the Safety Data Sheet.  
  
If swallowed, DO NOT induce vomiting.  
Do not give anything to drink.  
Call a physician immediately.
- Most important symptoms and effects, both acute and delayed : No symptoms known currently.  
No hazards known at this time.
- Notes to physician : Treat symptomatically.

---

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Foam  
Water spray jet  
Dry powder
- Unsuitable extinguishing media : High volume water jet  
Carbon dioxide (CO<sub>2</sub>)
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
  
Nitrogen oxides (NO<sub>x</sub>)  
  
In case of fire hazardous decomposition products may be produced such as:
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

## HOSTAVIN N 392 MICROPOWDER

Page 3

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

Special protective equipment : Wear personal protective equipment.  
for firefighters

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.  
Wearing appropriate personal protective equipment, contain spill and collect into a suitable container.  
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
- Methods and materials for containment and cleaning up : Take up mechanically and dispose of

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.  
Keep away sources of ignition.  
Observe the general rules of industrial fire protection
- Advice on safe handling : Take measures to prevent the build up of electrostatic charge.  
Avoid dust formation.  
Avoid dust accumulation in enclosed space.  
Provide appropriate exhaust ventilation at machinery.
- Technical measures/Precautions : Store in original container.  
Keep container tightly closed.  
Store in a cool, dry, well-ventilated area.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

- Engineering measures** : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.

**Personal protective equipment**

- Respiratory protection : Effective dust mask  
  
Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.
- Hand protection  
Remarks : Butyl Rubber, PVC Or Neoprene.

## HOSTAVIN N 392 MICROPOWDER

Page 4

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

Eye protection	:	Safety glasses
Skin and body protection	:	Wear suitable protective equipment.
Protective measures	:	Observe the usual precautions for handling chemicals.
Hygiene measures	:	Wash hands before breaks and at the end of workday.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	fine powder
Colour	:	white
Odour	:	not specified
pH	:	not determined
Softening point	:	110 - 120 °C Method: DIN 51920
Melting point	:	not available
Flash point	:	approx. 260 °C Method: EN 22719 (closed cup)
Evaporation rate	:	not determined
Flammability (solid, gas)	:	not auto-flammable
Self-ignition	:	Method: Expert judgement The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self heating.  > 400 °C Method: VDI 2263 (Grewer) not auto-flammable The substance or mixture is not classified as pyrophoric.
Burning number	:	2 Method: Combustibility test safety laboratory Short flaring up without spreading
Upper explosion limit / upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Vapour pressure	:	Method: calculated Not applicable

## HOSTAVIN N 392 MICROPOWDER

Page 5

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

Relative vapour density	:	not determined
Density	:	approx. 1.1 g/cm <sup>3</sup> (23 °C) Method: ISO 1183
Solubility(ies)	:	
Water solubility	:	insoluble (25 °C)
Solubility in other solvents	:	not determined
Partition coefficient: n-octanol/water	:	not determined
Decomposition temperature	:	> 400 °C Heating rate: 3 K/min Method: DSC closed cup No decomposition if used as directed.
Self-Accelerating decomposition temperature (SADT)	:	> 75 °C
Viscosity	:	
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	not tested.
Explosive properties	:	Not explosive Method: Expert judgement
Oxidizing properties	:	The substance or mixture is not classified as oxidizing. Method: Expert judgement GLP: no The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.
Boiling point	:	not determined
Dust deflagration index (Kst)	:	220 m.b./s
Dust explosion class	:	St2
Minimum ignition energy	:	3 - 6 mJ Method: Mike 3 apparatus with inductive electrical resistance, without inductive electrical resistance
Particle size	:	8 µm Method: ISO 13320-1 Median value

## HOSTAVIN N 392 MICROPOWDER

Page 6

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable
Possibility of hazardous reactions	:	Risk of dust explosion. The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals Stable
Conditions to avoid	:	None
Incompatible materials	:	none
Hazardous decomposition products	:	When handled and stored appropriately, no dangerous decomposition products are known The product does not contain any chemical groups which suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g.

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Eye contact  
Skin contact  
Inhalation

**Acute toxicity****Product:**

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg
Acute inhalation toxicity	:	Remarks: no data available
Acute dermal toxicity	:	Remarks: no data available

**Skin corrosion/irritation****Product:**

Result: No skin irritation

**Serious eye damage/eye irritation****Product:**

Result: slight irritant effect - does not require labelling  
Method: OECD Test Guideline 405

## HOSTAVIN N 392 MICROPOWDER

Page 7

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

**Respiratory or skin sensitisation****Product:**

Remarks: no data available

**Germ cell mutagenicity****Product:**

Germ cell mutagenicity - Assessment : No information available.

**Carcinogenicity****Product:**

Carcinogenicity - Assessment : No information available.

**IARC** Not listed**OSHA** Not listed**NTP** Not listed**Reproductive toxicity****Product:**

Reproductive toxicity - Assessment : No information available.

**Repeated dose toxicity****Product:**

Remarks: This information is not available.

**Experience with human exposure****Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

**Further information****Product:**

Remarks: The product has not been tested. The information is derived from the properties of the individual components.

## HOSTAVIN N 392 MICROPOWDER

Page 8

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**Toxicity to fish :  
Remarks: no data availableToxicity to daphnia and other :  
aquatic invertebrates Remarks: no data availableToxicity to algae :  
Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

**Ecotoxicology Assessment**

Acute aquatic toxicity : no data available

**Persistence and degradability****Product:**

Biodegradability : Remarks: This property is substance-specific and therefore cannot be given for the preparation.

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: no data available

**Mobility in soil**

no data available

**Other adverse effects****Product:**Environmental fate and :  
pathways Remarks: no data availableAdditional ecological :  
information May be separated mechanically in waste water plants.**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**RCRA - Resource :  
Conservation and Recovery No -- Not as sold.  
Authorization Act

Waste Code : NONE

Waste from residues : In accordance with local authority regulations, take to special



## HOSTAVIN N 392 MICROPOWDER

Page 9

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

waste incineration plant

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

---

**SECTION 14. TRANSPORT INFORMATION**

DOT not restricted  
IATA not restricted  
IMDG not restricted

---

**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Combustible dust**SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.**Clean Water Act**

Contains no known priority pollutants at concentrations greater than 0.1%.

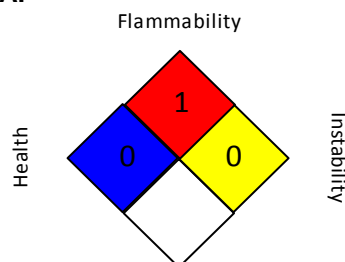
**The components of this product are reported in the following inventories:****TSCA** : On TSCA Inventory, All components are compliant with the TSCA Inventory Notification (Active) rule.

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

**SECTION 16. OTHER INFORMATION****Further information****NFPA:**

Special hazard.

**Full text of other abbreviations**

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 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

## HOSTAVIN N 392 MICROPOWDER

Page 11

---

Substance key: 000000011003

Revision Date: 08/22/2018

Version : 2 - 0 / USA

Date of printing :08/23/2018

---

Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Handle with care. Organic dusts have the potential to be explosive with static spark or flame initiation.

Revision Date : 08/22/2018

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

US / EN