

H-Series & Elite-Series Coatings (Part B)

SDS Number:

Revision Date: 5/22/2017

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

NIC Industries, Inc
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Product Name: H-Series & Elite-Series Coatings (Part B)
Revision Date: 5/22/2017
Version: 1.0
Product Code: H-Series & Elite-Series Coating Catalyst
Chemical Family: HS Code: 3208900000

Emergency Contact: Call PERS: 1-800-633-8253 (USA and Canada) or 001-801-629-0667 (International).

The information contained in this Safety Data Sheet (SDS) is, to the best of our knowledge, true and accurate and presented in good faith. NIC Industries, Inc. makes no warranties, expressed or implied, as to the accuracy and adequacy of this information. Because many factors may affect processing or application/use of this product, this data is offered solely for the user's consideration, investigation and verification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or process. Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buyer/user to ensure its activities comply with all local, state and federal regulations.

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HAZARDS IDENTIFICATION

Route of Entry: Inhalation, Ingestion, Skin, Eyes.
Target Organs: Central Nervous System, Kidneys, Liver.
Inhalation: May cause irritation to the respiratory system and breathing difficulties.
Skin Contact: Causes moderate skin irritation. May cause severe skin burns, rashes, eczema and redness. Prolonged or repeated exposure may aggravate existing conditions.
Eye Contact: Causes severe eye irritation and severe eye damage.
Ingestion: Harmful if swallowed. Ingestion may cause damage to the lining of the gastrointestinal tract.

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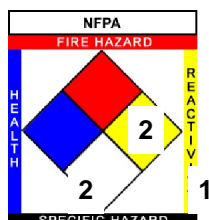
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NFPA:
HMIS III:

Health = 2, Fire = 2, Reactivity = 1
H*2/F2/PH1



HMIS III	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARDS	2
PERSONAL PROTECTION	1

**H | Splash Goggles,
Gloves, Apron, Vapor
Respirator**

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

- Health, Specific target organ toxicity - Single exposure, 2
- Health, Specific target organ toxicity - Repeated exposure, 2
- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Acute toxicity, 5 Dermal
- Health, Respiratory or skin sensitization, 1 Skin
- Health, Acute toxicity, 5 Oral

GHS Phrases:

- H371 - May cause damage to organs
- H373 - May cause damage to organs through prolonged or repeated exposure
- H320 - Causes eye irritation
- H335 - May cause respiratory irritation
- H313 - May be harmful in contact with skin
- H317 - May cause an allergic skin reaction
- H303 - May be harmful if swallowed

GHS 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.
- P232 - Protect from moisture.
- P240 - Ground/bond container and receiving equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P262 - Do not get in eyes, on skin, or on clothing.
- P264 - Wash hands 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.
- P273 - Avoid release to the environment.

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- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P281 - Use personal protective equipment as required.
- P284 - Wear respiratory protection.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 - IF INHALED: Seek immediate medical attention.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 - IF IN EYES: Seek immediate medical attention.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P306+360 - IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- P313 - Get medical advice/attention.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P362 - Take off contaminated clothing and wash before reuse.
- P370+376 - In case of fire: Stop leak if safe to do so.
- P370+378 - In case of fire: Use CO2, dry chemical powder, foam, alcohol foam or water spray for extinction.
- P370+380 - In case of fire: Evacuate area.
- P374 - Fight fire with normal precautions from a reasonable distance.
- P381 - Eliminate all ignition sources if safe to do so.
- P402+404 - Store in a dry place. Store in a closed container.
- P403+233 - Store in a well ventilated place. Keep container tightly closed.
- P403+235 - Store in a well ventilated place. Keep cool.
- P410+403 - Protect from sunlight. Store in a well ventilated place.
- P420 - Store away from other materials.
- P501 - Dispose of contents/container to licensed waste facility.
- P102 - Keep out of reach of children.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
*Trade Secret	100%	Metal-modified organic base

*In compliance with OSHA Hazard Communication Standard 29 CFR 1910.1200(i), the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a Trade Secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as significantly hazardous to health or the environment and hence require reporting in this section.

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FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing stops, have trained person administer artificial respiration. Maintain an open airway. Loosen tight clothing. Seek immediate medical attention.
- Skin Contact:** Remove all contaminated clothing and shoes. Wash thoroughly with soap and water for at least 15 minutes. Wash all clothing before re-use. If symptoms develop, seek medical attention.
- Eye Contact:** Remove any contact lenses. Immediately flush with water for at least 15 minutes, forcibly holding eyelids apart. Seek immediate medical attention.
- Ingestion:** Rinse mouth out and then drink plenty of water. Moved exposed person to fresh air and keep at rest. Only induce vomiting at the instruction of medical personnel. Vomiting may be dangerous. Keep head low so vomit does not enter the lungs. Never induce vomiting or give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.

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5 FIRE FIGHTING MEASURES

Flammability: Combustible Liquid Formulation
Flash Point: Not Available

Extinguishing Media:
Carbon dioxide, dry chemical powder, foam or alcohol foam.

Fire Fighting Procedures:

Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition if safe to do so. Use water spray to cool containers and avoid pressure build-up (do not allow water to mix with product). If fire occurs, isolate area, contain and eliminate fire, then dispose of debris in accordance with official regulations. Stay upwind of material at all times. Wear butyl rubber boots, gloves and body suit with SCBA. May generate toxic and irritating combustion products. Use DOT Response Guide #153.

Contains possibly combustible materials. Over-heated containers may rupture. Vapors may travel a significant distance to a source of ignition and flash back.

Sensitivity of Static Charge:
Electrostatic charge may build up during handling. Grounding of equipment is required.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Evacuate all unnecessary personnel and surrounding areas, and eliminate all sources of ignition if safe to do so. Wear proper personal protective equipment, especially a self-contained breathing apparatus. Do not touch or walk through spilled material. Provide adequate ventilation and avoid breathing vapors.

Environmental Precautions:

Contain liquids and prevent discharge into streams, soil, waterways, drains and sewers. Control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported to the appropriate local, state, or federal agencies. In case of major release or road spill notify PERS: 1-800-633-8253 (USA and Canada) or 001-1-801-629-0667 (International).

Remove all sparking devices or ignition sources. Stop leak if without risk. Move containers from spill area. Approach spill from upwind. Cover with an inorganic absorbent, such as vermiculite, perlite, ground clay, or sand; sweep up, and dispose according to local, state and federal regulations. Contaminated absorbent may pose the same hazard as spilled material does. Use spark proof tools and explosion proof equipment. Dispose of via a licensed waste disposal contractor.

7 HANDLING AND STORAGE

Handling Precautions:

This material is not rated as flammable.
Avoid vapor formations and use with adequate ventilation.
Avoid breathing fumes.
Vapors are heavier than air and will tend to collect in low areas. Avoid use in confined spaces.
Avoid bodily contact with material.
Wear appropriate personal protective equipment.
Wash thoroughly after handling, avoid contact with eyes.
No eating, drinking or smoking near areas where substance is handled, processed or stored.
Ground coating equipment and containers at all times.
Use non sparking tools.
Isolate, vent, drain, wash and purge systems or equipment before maintenance or repair.
Clean spills immediately.

Storage Requirements:

Keep away from heat and all sources of ignition.
Avoid moisture and extreme temperatures.

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Avoid moisture and static electricity discharges.
 Avoid shock and friction.
 Store in a cool, dry area away from direct sunlight (do not store in temperatures below 50F or above 77F). Avoid freezing.
 Do not allow cross-contamination, and keep away from incompatible materials.
 Keep tightly closed when not being used.
 Label all containers appropriately.
 Do not reuse containers.
 Do not store near food or drinks.
 Avoid excessive aging.
 Store in accordance with local regulations.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Adequate room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits. Assure ACGIH TWA and OSHA PEL limits (varies by product) are maintained. Use of fume hoods or closed booths required when product is used in a manner that may generate mist or aerosol.

Personal Protective Equip: HMIS PP, H | Splash Goggles, Gloves, Apron, Vapor Respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times. Solvent resistant (neoprene, nitrile or other nonporous) recommended.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Chemical splash safety glasses should be worn at a minimum.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Impervious work clothing such as long sleeves, long pants, lab coat, chemical boots and chemical resistant (solvent resistant) apron recommended.

Emergency shower and eyewash facility should be in close proximity. Employ proper hygienic measures after working with material and before eating, smoking or using the lavatory. Fully wash any contaminated clothing.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the regulations of environmental protection legislation.

Completely isolate and thoroughly clean all equipment, piping or vessels with a solvent before beginning maintenance or repairs.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid that varies in color from yellow-orange to dark orange		
Physical State:	Liquid	Odor:	Ammoniacal
Spec Grav./Density:	1.02/1.07 g/cm3	VOC:	Exempt

10 STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidizing agents, strong acids, strong alkaline materials, alcohols, amines, water, moisture and contact with other unpolymerized monomers or polymers.

Hazardous Decomposition: May contain carbon monoxide, carbon dioxide, nitrogen oxide(s), corrosive gases/vapours, hydrogen, ammonia and hydrocarbons.

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Hazardous Polymerization: Will not occur.

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TOXICOLOGICAL INFORMATION

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

Not known to contain any ingredients recognized as carcinogens by the National Toxicology Program (NTP), the International Agency for Cancer Research (IARC) or the Occupational Safety and Health Administration (OSHA).

Contains materials that are believed to be possible skin sensitizers. Contains materials harmful to eyes and skin with an LD50 Oral rating of > 200-2,000 mg/kg.

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ECOLOGICAL INFORMATION

Water hazard class 2: Avoid disposal in landfills and sewage systems. Avoid release into water sources. Product has not been tested for environmental effects.

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DISPOSAL CONSIDERATIONS

This product is not regulated by the EPA. It is the waste generator's responsibility to determine how disposal must occur. Disposal should be made in accordance to federal, state, and local regulations. Minimize or avoid the generation of waste whenever possible. Dispose of waste, unused material and empty containers in a licensed facility. Do not discharge into drains, surface waters or groundwater.

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TRANSPORT INFORMATION

DOT Class: Not regulated

US DOT: Not Regulated for Transport

IATA: Not Regulated for Transport

ICAO: Not Regulated for Transport

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REGULATORY INFORMATION

HCS Classification: Not Regulated.

U.S. Federal Regulations: TSCA All components are listed or exempted.

SARA 302/304/311/312: No products found.

This product contains no toxic chemicals subject to the reporting requirements of SARA 313.

California Proposition 65:

This product contains no chemicals known to the state of California to cause cancer and birth defects, or other reproductive harm.

Canadian DSL Inventory Status: This product may contain materials not listed on the Canadian DSL but listed on the Canadian NDSL.

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OTHER INFORMATION

U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of

SDS

GHS Safety Data Sheet

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hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you (as it is your legal duty to) make all information in this Safety Data Sheet available to all your employees.

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