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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****GHS product identifier****Product Name** Poly+Plus Latex Modifier for Coal Tar Sealer**Other means of identification****Product Code(s)** 123**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Refer to the Product Data Sheet for Additional Information.**Uses advised against** No information available**Supplier's details****Supplier Address**Neyra Industries, Inc.  
10700 Evendale Drive  
Cincinnati, Ohio 45241  
TEL: (513) 733-1000**Emergency telephone number****Company Emergency Phone Number** (513) 733-1000**2. HAZARDS IDENTIFICATION****Classification**

This product is considered hazardous by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Skin Sensitization	Category 1
Germ Cell Mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive Toxicity	Category 2

**GHS Label elements, including precautionary statements****Emergency Overview**

<b>Signal Word</b>	<b>Danger</b>
<b>Hazard Statements</b>	
• May cause an allergic skin reaction	
• May cause genetic defects	
• May cause cancer	
• Suspected of damaging fertility or the unborn child	

**Appearance** Pink**Physical State** Liquid.**Odor** Sweet, Latex**Precautionary Statements****Prevention**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing should not be allowed out of the workplace.

**General Advice**

- If exposed or concerned: Get medical attention/advice

**Skin**

- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.

**Storage**

- Store locked up.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

4% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
Sodium polyacrylate	9003-04-7	1-5	*
N-Methylolacrylamide	924-42-5	0.1-1.0	*
Acrylamide	79-06-1	0.1-1.0	*

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

### 4. FIRST AID MEASURES

**Description of necessary first-aid measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.
<b>Skin Contact</b>	Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Remove and wash contaminated clothing before re-use.
<b>Inhalation</b>	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Hives, Itching, Rashes.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** May cause sensitization by skin contact. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None

**Specific Hazards Arising from the Chemical**

None known

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling.

**Environmental Precautions**

**Environmental Precautions** Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Dike far ahead of liquid spill for later disposal.

**Methods for Cleaning Up** Dam up. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Handling** Wear protective gloves/ eye protection/ face protection. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed in a dry and well-ventilated place. Do not freeze. Do not store in direct sunlight or in temperatures exceeding 120°F (48.9°C).

**Incompatible Products** Do not apply over chip seals or sealers containing gilsonite. Not recommended for use on portland cement, concrete or for indoor use.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acrylamide 79-06-1	TWA: 0.03 mg/m <sup>3</sup> inhalable fraction and vapor S*	TWA: 0.3 mg/m <sup>3</sup> (vacated) TWA: 0.03 mg/m <sup>3</sup> (vacated) S*	IDLH: 60 mg/m <sup>3</sup> TWA: 0.03 mg/m <sup>3</sup>

**Appropriate engineering controls**

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin and Body Protection</b>	Wear protective gloves/clothing.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

<b>Hygiene Measures</b>	When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Remove and wash contaminated clothing before re-use. Contaminated work clothing should not be allowed out of the workplace.
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid.	<b>Appearance</b>	Pink.
<b>Odor</b>	Sweet, Latex.	<b>Odor Threshold</b>	No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	7.0 - 9.0	None known
Melting Point/Range	No information available.	None known
Boiling Point/Boiling Range	100 °C	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available.	None known
Vapor Density	No data available.	None known
Specific Gravity	1.00	None known
Water Solubility	Partly soluble.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known

<b>Flammable Properties</b>	Not flammable
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available

**Other information**

<b>VOC Content (%)</b>	No data available
<b>VOC (g/l)</b>	29

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Do not freeze.

### Incompatible materials

Do not apply over chip seals or sealers containing gilsonite. Not recommended for use on portland cement, concrete or for indoor use.

### Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

##### **Inhalation**

##### **Eye Contact**

##### **Skin Contact**

##### **Ingestion**

No acute toxicity information is available for this product.

There is no data available for this product.

There is no data available for this product.

May cause sensitization by skin contact.

There is no data available for this product.

#### **Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acrylamide	= 124 mg/kg ( Rat )	= 400 mg/kg ( Rat ) = 1680 µL/kg ( Rabbit )	-
N-Methylolacrylamide	= 400 mg/kg ( Rat )	-	-

### Symptoms related to the physical, chemical and toxicological characteristics

#### **Symptoms**

Allergic skin reactions or irritation.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Sensitization**

May cause sensitization by skin contact.

#### **Mutagenic Effects**

No information available.

#### **Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
N-Methylolacrylamide		Group 3		
Acrylamide	A3	Group 2A	Reasonably Anticipated	X

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

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 2A - Probably Carcinogenic to Humans

**NTP: (National Toxicity Program)**

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity - Product****Acute Toxicity** 4% of the mixture consists of ingredient(s) of unknown toxicity.**LD50 Oral** >5000 mg/kg; Acute toxicity estimate**LD50 Dermal** >2000 mg/kg; Acute toxicity estimate**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not Classified

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Acrylamide 79-06-1		LC50 96 h: 103 - 115 mg/L flow-through (Pimephales promelas) LC50 96 h: = 124 mg/L static (Pimephales promelas) LC50 96 h: 81 - 150 mg/L flow-through (Lepomis macrochirus) LC50 96 h: 137 - 191 mg/L static (Oncorhynchus mykiss) LC50 96 h: 74 - 150 mg/L flow-through (Oncorhynchus mykiss)		EC50 48 h: = 98 mg/L (Daphnia magna) EC50 48 h: = 98 mg/L Flow through (Daphnia magna)

**Persistence and Degradability** No information available.**Bioaccumulation** No information available.

Chemical Name	Log Pow
Acrylamide	-1.24

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Do not re-use empty containers.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acrylamide - 79-06-1	U007	Included in waste stream: K014		U007
Formaldehyde - 50-00-0	U122	Included in waste streams: K009, K010, K038, K040, K156, K157		U122

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Formaldehyde	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**DOT** Not regulated  
**TDG** Not regulated  
**MEX** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL** Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Acrylamide	79-06-1	0.1-1.0	0.1
N-Methylolacrylamide	924-42-5	0.1-1.0	1.0

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** Yes  
**Fire Hazard** No  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Acrylamide	5000 lb	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ

**U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
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Acrylamide	79-06-1	Carcinogen
N-Methylolacrylamide	924-42-5	Carcinogen
Formaldehyde	50-00-0	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Acrylamide	X	X	X	X	X
Formaldehyde	X	X	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b><u>HMIS</u></b>	Health Hazard 1*	Flammability 0	Physical Hazard 0	Personal Protection X

\*Indicates a chronic health hazard.

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**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. 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 in any process, unless specified in the text.

**End of Safety Data Sheet**