

1. Product and Company Identification

Product Code: 1714
Product Name: HI-PLAST 201
Company Name: Liberty Solvents & Chemicals Company
9429 Ravenna Road
Twinsburg, OH 44087
Phone Number: (330)425-4484
Web site address: www.libertysolvents.com
Email address: info@libertysolvents.com
Emergency Contact: 24-Hour Chemtrec Emergency (800)424-9300
Information: (330)425-4484

2. Hazards Identification

Aspiration Toxicity, Category 1



GHS Signal Word: Danger
GHS Hazard Phrases: H304 - May be fatal if swallowed and enters airways.
GHS Precaution Phrases: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
GHS Response Phrases: P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 - Do NOT induce vomiting.
GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and/or international regulations.
Potential Health Effects (Acute and Chronic): Chronic: May cause liver and kidney damage. Animal studies have reported the development of tumors.
Inhalation: May be harmful if inhaled.
Skin Contact: Causes skin irritation. May be harmful if absorbed through the skin.
Eye Contact: Causes eye irritation.
Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
8012-95-1	Oil mist, Mineral	85.0 %	
68608-26-4	Sodium petroleum sulfonate	11.0 %	
61790-12-3	Tall oil fatty acid	4.0 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
- In Case of Skin Contact:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- In Case of Ingestion:** Do NOT induce vomiting. Get medical aid.
- Note to Physician:** Treat symptomatically and supportively.

5. Fire Fighting Measures

- Flash Pt:** > 218.00 F Method Used: Closed Cup
- Explosive Limits:** LEL: N/A UEL: N/A
- Autoignition Pt:** NA
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** No data available.

6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Do not let this chemical enter the environment.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.
- Precautions To Be Taken in Storing:** Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
8012-95-1	Oil mist, Mineral	PEL: 5 mg/m3	TLV: 5 mg/m3 (IHL; some exceptions) STEL: 10 mg/m3	No data.
68608-26-4	Sodium petroleum sulfonate	No data.	No data.	No data.
61790-12-3	Tall oil fatty acid	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure.
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
Appearance and Odor:	amber. Petroleum-like.
pH:	NA
Melting Point:	NA
Boiling Point:	212.00 F - 500.00 F
Flash Pt:	> 218.00 F Method Used: Closed Cup
Evaporation Rate:	NA
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N/A UEL: N/A
Vapor Pressure (vs. Air or mm Hg):	< 1.5 MM_HG
Vapor Density (vs. Air = 1):	> 5
Specific Gravity (Water = 1):	0.86
Solubility in Water:	Insoluble.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NA
Decomposition Temperature:	NA
Viscosity:	NA44 - 55
Molecular Formula & Weight:	Not available. 0.0

10. Stability and Reactivity

Stability:	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
Conditions To Avoid - Instability:	Incompatible materials.
Incompatibility - Materials To Avoid:	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	Carbon monoxide.
Possibility of Hazardous Reactions:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: Epidemiology: Tumorigenic effects have been reported in experimental animals.
 Teratogenicity: No information available. Reproductive Effects: No information found.
 Mutagenicity: Neurotoxicity:

Carcinogenicity/Other Information: CAS# 8012-95-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: Environmental: No information available.
 Physical: No information available.
 Other: Do not empty into drains.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
 RCRA P-Series: None listed.
 RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
8012-95-1	Oil mist, Mineral	No	No	No
68608-26-4	Sodium petroleum sulfonate	No	No	No
61790-12-3	Tall oil fatty acid	No	No	No

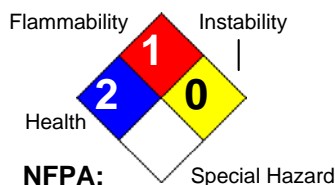
This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

16. Other Information

Revision Date: 08/26/2020

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

THE INFORMATION CONTAINED IN THIS DATA SHEET IS BASED ON THE DATA AVAILABLE TO LIBERTY SOLVENTS & CHEMICALS COMPANY AT THIS TIME. WHILE BELIEVED TO BE ACCURATE, LIBERTY SOLVENTS & CHEMICALS COMPANY DOES NOT CLAIM IT TO BE ALL INCLUSIVE. IT IS PROVIDED WITH ANY SALE OF THE PRODUCT, FOR THE PURPOSE OF HAZARD COMMUNICATION, AND AS A GUIDE FOR THE APPROPRIATE PRECAUTIONARY HANDLING OF THE PRODUCT BY PROPERLY TRAINED INDIVIDUALS. IT IS NOT INTENDED TO PROVIDE PRODUCT PERFORMANCE OR APPLICABILITY INFORMATION, AND NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND IS MADE WITH RESPECT TO THE PRODUCT, THE UNDERLYING PRODUCT DATA, OR THE INFORMATION CONTAINED HEREIN.

YOU ARE URGED TO OBTAIN MATERIAL SAFETY DATA SHEETS FOR ALL PRODUCTS YOU BUY, PROCESS, USE OR DISTRIBUTE, AND ARE ENCOURAGED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

TO DETERMINE THE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT, YOU SHOULD CONSULT WITH YOUR LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENT AGENCY. WE WILL NOT PROVIDE ADVICE ON SUCH MATTERS, OR BE RESPONSIBLE FOR ANY INJURY OR DAMAGE RESULTING FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.