



Safety Data Sheet (SDS)

Revision / Review Date: 3/24/15

1. Chemical Product and Company Identification

Product Name:	P-5521 PWD
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Common name:	5521 Powder, Polymeric plasticizer dispersion with silica
Chemical Name / Family:	Dibasic acid polyester wetted powder mixture/ Polyester
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Dispersions
OSHA Status:	Non-hazardous
CAS No:	7631-86-9

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

2. Hazard(s) Identification

<u>Warning:</u>	Not available.
<u>Signs and Symptoms of Exposure:</u>	Irritation to the skin, mucous membrane and eyes.
<u>Primary Routes of Entry:</u>	Ingestion, skin and eyes.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	Not available.
<u>Emergency Overview:</u>	A white/buff colored free flowing powder that may be harmful if swallowed or absorbed through the skin. Can be irritating to mucous membranes. Not considered hazardous.
<u>Eye Contact:</u>	Can be irritating to mucous membranes and eyes.
<u>Skin Contact:</u>	May be mildly irritating to skin.
<u>Ingestion:</u>	Effects unknown.
<u>Inhalation:</u>	May cause dizziness and irritate respiratory tract.
<u>HMIS Hazard Ratings:</u>	Health-1 , Flammability -1 , Reactivity -0, Protection- C
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product.

All of the information contained in the SDS should be consulted to assist with the safe handling of this material.

Principal Hazardous Components:

Silica, CAS No. 7631-86-9, OSHA 10mb/M³ (total dust)

3. Composition / Information on Ingredients

Weight Percent / Typical	Component Identity	CAS Registry Number
72%	Mixed dibasic acid polyester	Proprietary
28%	Silica	7631-86-9

4. First Aid Measures

Inhalation:

Remove to fresh air; give artificial respiration or oxygen if necessary.

Eyes:

Flush eyes with water for 15 minutes. Call a physician if irritation develops.

Skin:

Remove contaminated clothing and wash skin with soap and water. If in contact with hot product, treat as a burn.

Ingestion:

Do not induce vomiting but wash out mouth. Never give anything by mouth to unconscious person. Seek medical attention.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Use Chemical foam, CO₂, Dry Chemical, water fog.

Special Fire Fighting Procedures:

Full eye protection and protective clothing are required for all indoor/outdoor fires and spills. A MSHA/NIOSH approved self contained breathing apparatus should be worn. Use water spray to cool fire-exposed containers.

Hazardous Combustion Products:

This product will decompose under extreme temperatures forming oxides of carbon.

Unusual fire and explosion hazards:

Water may cause frothing.

6. Accidental Release Measures

Steps to be taken in case material is spilled:

Wear appropriate protective clothing, gloves and equipment. Contain spill and sweep up. Transfer to secure containers and dispose of according to local and state regulations. Thought should always be given to collecting the material in such a manner that it could be recycled. Clean/scrub affected area

with detergent. Dike and contain the spill with inert material (ie: sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Environmental Disposal Information:

Prevent run-off into sewers or natural waterways.

Waste Disposal:

All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

7. Handling and Storage

Empty Containers:

Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations.

Precautions to be taken in handling:

Any use of this product in an elevated process, should be evaluated to establish and maintain safe operating procedures.

Storage:

Store in sealed containers in dry, ambient temperature, well-ventilated place conditions.

8. Exposure Controls / Personal Protection

Exposure Controls:

For normal operation local exhaust ventilation should suffice. Direct exhaust when dusting becomes a nuisance or to keep exposure below TWA.

Respiratory Protection:

Respirators should be selected when TWA exceeded. Avoid hot vapors when mixing or packaging.

Ventilation:

Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.

Hand protection:

Neoprene, Viton gloves.

Eye Protection:

Safety glasses with side shields.

Skin and Body Protection:

Wear impervious clothing gloves, boots and apron as appropriate.

Other Precautions:

Exercise good chemical handling practice.

Decontamination Facilities:

There should be a shower facility and eyewash in the building where this product is being stored and handled.

9. Physical and Chemical Properties

<u>Physical Form:</u>	Powder
<u>Appearance & Odor:</u>	White/buff / Mild odor
<u>Specific Gravity:</u>	1.26 @25°C
<u>Softening Point, R&B:</u>	Not available.
<u>Solubility in Water:</u>	Insoluble.
<u>Flash Point, TAG CC F:</u>	288°C (550°F) Closed Cup
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ 1):</u>	<< 1 (butyl acetate=1)
<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ 1):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	Not available.
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Not available.

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Material reacts with strong oxidizers and bases.
<u>Conditions to Avoid:</u>	Keep away from extreme heat.
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur.

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

<u>OSHA Permissible Exposure Limit:</u>	OSHA 8-hour Time Weighted Average(TWA)=6 mg/m3(total dust)
<u>ACGIH Threshold Limit Value:</u>	Not available.

12. Ecological Information

This material has not been evaluated for environmental effects.

13. Disposal Considerations

Incineration by a permitted hazardous waste facility in accordance with all regulatory requirements is the preferred method of disposal. Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations.

14. Transport Information

D.O.T. Shipping Name: Not restricted.
Air - ICAO (international Civil Aviation Organization): Non-hazardous.
Sea - IMDG (International Maritime Dangerous Goods): Non-hazardous.

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

SARA 311/312 Categories: Acute.

SARA 313 Reportable ingredients: None.

California Proposition 65: This product does not contain substances known to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.

New Jersey RTK Label Information:

Mixed dibasic acid polyester, CAS No. Proprietary, Silica, CAS No. 7631-86-9

Pennsylvania RTK Label Information:

Mixed dibasic acid polyester, CAS No. Proprietary, Silica, CAS No. 7631-86-9

16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.