



Safety Data Sheet

Primary, secondary amino bonded amorphous silica

Section 1. Identification

Product Identifier	Primary, secondary amino bonded amorphous silica		
Synonyms	PSA		
Manufacturer Stock Numbers	PSA		
Recommended use	N/A		
Uses advised against	N/A		
Manufacturer Contact Address	UCT LLC 2731 Bartram Road Bristol, PA, 19007 US		
	Phone	Emergency Phone	Fax
	(215) 781-9255 0	(800) 424-9300 Chemtrec	N/A
		CHEMTREC	
	Email	Website	
	manastasio@unitedchem.com	www.unitedchem.com	

Section 2. Hazards Identification

Classification	N/A
Signal Word	Warning
Pictogram	
Hazard Statements	Causes eye irritation Causes skin irritation May cause respiratory irritation
Precautionary Statements Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Prevention N/A
 Storage N/A
 Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
126850-14-4	Primary Secondary Amino Bonded Silica Gel	100 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area
 Eye Flush eyes with water for 15 minutes. Get medical attention if irritation persists.
 Skin Scrub with soap and water. Remove contaminated clothing and shoes.
 Ingestion Get medical attention
 Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
 Comments If symptoms persist, get medical attention. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Not considered to be a flammable hazard
 Water, CO2, foam, dry powder
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
 Not considered to be an explosive hazard
 Unsuitable Extinguishing Media N/A

Section 6. Accidental Release Measures

General Procedures	Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.
Special Protective Equipment	Wear appropriate personal protective equipment as specified in section 8.

Section 7. Handling and Storage

Handling	Keep in a tightly closed container, store in a cool, dry, ventilated area. When pouring into a container of flammable liquid, ground both containers electrically to prevent a static electric spark. Empty containers should be completely drained, properly sealed and promptly returned to a drum reconditioner, or properly disposed of.
Storage	Use with adequate ventilation. Use appropriate personal protective equipment. Wash thoroughly after handling.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Primary Secondary Amino Bonded Silica Gel	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves, Respirator			
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.			
Eye and Face	Use chemical goggles			
Skin	Use impervious gloves. Use impervious clothing as necessary to protect against skin contact			
Respiratory Protection	Mechanical ventilation recommended. In case of exposure, use appropriate NIOSH approved respiratory protection.			
Work Hygienic Practices	General industrial hygiene practice			
Comments	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment, in accordance with the OSHA PPE Standard (29 CFR 1910.132), be conducted before using this product.			

Section 9. Physical and Chemical Properties

Physical State	N/A
Color	White Powder
Odor	None
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Physical State Comments All data is based on bonded silica gel. Bonded silica gels have not been completely tested for health effects. This product contains synthetic amorphous silica, not to be confused with crystalline silica such as quartz, cristobalite or tridymite or with diatomaceous earth or other naturally occurring forms of amorphous silica that frequently contain crystalline forms.

Section 10. Stability and Reactivity

Stability	(Under Normal Conditions) Stable under ordinary conditions of use and storage
Polymerization	Hazardous polymerization will not occur
Conditions to Avoid	Heat, moisture and incompatibles
Incompatible Materials	Reacts with Hydrogen flouride, flourine, Oxygen diflouride, Chlorine triflouride, strong acids, strong bases and oxidizers.

Section 11. Toxicological Information

Acute Inhalation LD50	Nasal and respiratory irritation. Avoid inhalation
Comments	To the best of our knowledge, the toxicological properties have not been thoroughly investigated. Although we are unaware of any health or environmental risks from this material, exposure should be minimized.
Reproductive Effects	Not yet determined
Additional Information	Acute Oral LD50: Not yet determined Inhalation LC50: Nasal and respiratory irritation Eye Effects: Unknown Skin Effects: Not yet determined Chronic: None known Subchronic: None Known Reproductive effects: Toxicity has not be determined

Section 12. Ecological Information

Environmental Data	When released into the soil, this material is not expected to biodegrade
Aquatic Toxicity	This material is not expected to be toxic to aquatic life

Section 13. Disposal

Method	Incinerate. Follow all federal, state and local regulations
Empty Container	Containers of this material may be hazardous when empty since they retain product residues (liquids). Observe all warnings and precautions listed for this product.
Comments	It is recommended that waste generators determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult with their waste broker and state and local hazardous waste regulations to insure complete and accurate classification. Although not la listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. US EPA guidelines for classification determination are listed on 40CFR Parts 261.3

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Dangerous Good
DOT Classification	N/A
Packing Group	N/A
Transport	Not Dangerous Goods
Additional Information	Canada Not Dangerous Goods

Section 15. Regulatory Information

TSCA United States
TSCA (toxic substance control act)
TSCA Status: This product is TSCA exempt

Section 16. Other Information

Revision Date 2/23/2016

Manufacturer Disclaimer The data in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

Manufacturer Supplemental Notes All technical data is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Statement THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS SAFETY DATA SHEET HAVE BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND TO REPRESENT THE BEST OPINION ON THE SUBJECT AS OF THE DATE ON THIS SHEET. HOWEVER, NO WARRANTY, GUARENTEE OR REPRESENTATION, EXPRESSED OR IMPLIED, IS MADE BY UCT, INC. AS TO THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION OR TO THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

Additional Information

HMIS Rating
Health - 2
Flammability - 1
Physical Hazard - 1

NFPA Codes
Health hazard - 1
Flammable Hazard - 0
Reactivity - 0