



ADVANCED POLYMER, INC.

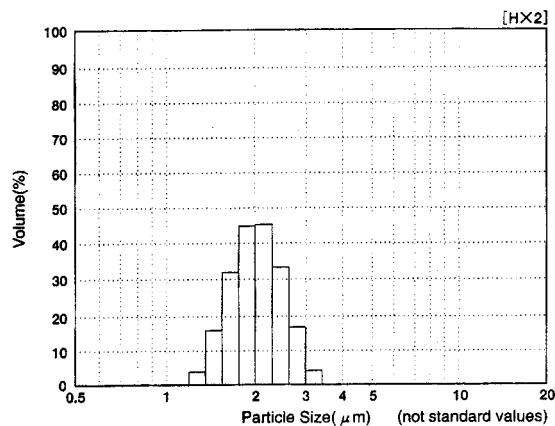
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APS-260

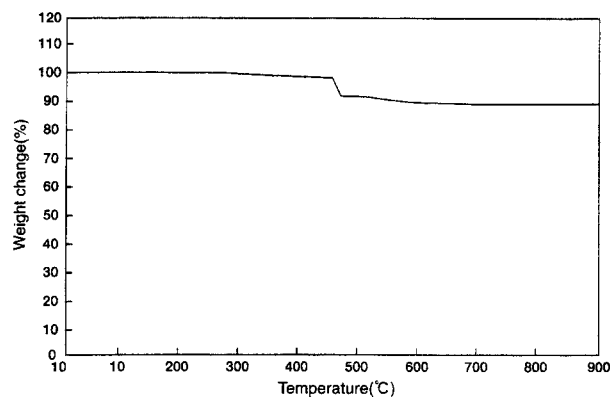
APS-260 is a silicone resin powder designed for use as a coating additive/modifier. APS-260 is spherical in nature and offers unique properties such as excellent heat stability and lubricity. This powder will not melt and will not swell in solvents. APS-260 is easily dispersed and can be used as a dispersing agent for other additives.

CHARACTERISTICS

- Exhibits excellent heat resistance vs. organic polymers. At 400°C APS-260 undergoes a slight weight change without melting.
- Provides lubricity and abrasion resistance when dispersed into rubber or plastic.



Particle Size Distribution (µm)



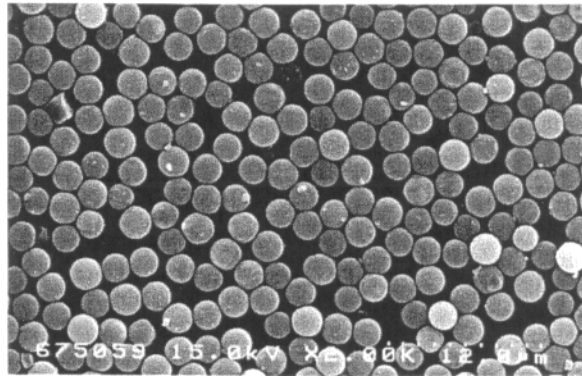
Heat Resistance (Weight Change vs Temperature)

TYPICAL PROPERTIES

Appearance: White spherical powder
 Average Particle Size: 2.0 µm
 Particle Distribution: 1.0-4.0 µm
 True Specific Gravity (@ 25°C): 1.3
 Water Content: <1.0%
 Decomposition Temperature: 400°C

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APS-260



APS-260 - Scanning Electron Microscope

APPLICATION

APS-260 can be used in cosmetics and personal care products, paints, inks, coatings, waxes, composites, plastics, rubbers, and greases to impart improved spreadability, lubricity, abrasion resistance, and scratch and mar resistance.

Recommended loading levels:

0.2 - 5 % (wt%)

PACKAGING

APS-260 is available in 8 oz. samples and 40-lb. pails.

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Revised March 29, 2010

APS-260

Section I Product Identity

Product Name	APS-260
Chemical Name/Family	Silicone Resin Powder
Chemical Formula	Organopolysiloxane
CAS Registry	
24 Hour Emergency Number	800-424-9300
24 Hour Chemtrec Number	800-424-9300
All ingredients are listed in EPA's TSCA list of chemical substances	

Section II Hazardous Components/Composition Information

CHEMICAL :	CAS #:	USOS:	TWA:	STEL:	PERCENT:
None					

Section III Physical and Chemical Properties

Boiling Point	NA
Specific Gravity (H ₂ O=1)	1.3
Vapor Pressure	NA
Vapor Density (Air=1)	NA
Percent Volatile by Weight	NA
Evaporation Rate (BuAc=1)	NA
Solubility in Water	Insoluble
Appearance and Odor	White powder.

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	NA
Flammable Limits in Air (% By Volume)	ND
Extinguishing Media	Foam, Dry chemical, Fine water spray, CO ₂ .
Special Fire Fighting Procedures:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment
Unusual Fire and Explosion Hazard	None.

Section V Reactivity Data

Stability	Stable
Conditions to Avoid	Store in a well-ventilated place. Keep container tightly closed.
Incompatibilities	None
Hazardous Decomposition or By Products	None
Hazardous Polymerization	May Not Occur

Section VI Health hazard Data

Primary Routes of Entry	Inhalation: Yes	Dermal: No	Ingestion: Yes
Acute Health hazard	No information available		
Chronic Health Hazard	No information available		
Carcinogenicity	This product does not contain any suspected human carcinogens.		
NTP: No	IARC Monograph: No	OSHA Regulated: No	

Signs and Symptoms of Exposure:

Skin Contact	No information available
Eye Contact	No information available
Ingestion	No information available
Inhalation	No information available

Medical Condition Generally Aggravated by Exposure

No information available

Emergency First Aid Procedures

Eyes	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Skin	Immediately wash skin with soap and water. Wash contaminated clothing before reuse.
Ingestion	Wash out mouth with water provided the person is conscious. Never give anything by mouth to an unconscious person. Call a physician.
Inhalation	Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.

Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case the Material is Released or Spilled:

Sweep up and dispose of product.

Waste Disposal Method:

Dispose of according to EPA, State and Local regulations.

Section VIII Special Precautions

Precautions to be Taken in Handling and Storage:

Store in a well-ventilated place at temperatures below 120°F. Keep container tightly closed. Keep from freezing.

Section IX Control Measures

Respiratory Protection	Not required	
Ventilation	Local exhaust	Not required
	Mechanical	
	Special	
	Other	
Eye Protection	Safety glasses should be worn	
Protective Gloves	Rubber or plastic gloves should be worn	
Protective Clothing	Rubber apron	
Other Protective Equipment	NIOSH approved respirator as needed	
Other Precautions	Wash hands after use.	

Section X SARA Title III

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of SECTION 331 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371

CAS #	Chemical Name	Percent by Weight

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL

Section XI Transportation Information

SHIPPING INFORMATION

APS-260 is classified non-hazardous and is not regulated by DOT.

Hazard Ratings

Health	1
Flammability	1
Reactivity	0

Date Prepared December 3, 2005

Prepared By API

Date Revised March 29, 2010

Revised By API

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