

MATERIAL SAFETY DATA SHEET

SUPER DOPE™ PIPE THREAD SEALANT

SECTION I – PRODUCT INFORMATION

Distributor's name: Allied Rubber & Gasket Company, Inc. – ARGCO
2610 Commerce Way
Vista, Ca 92083

In case of emergency: Contact your local poison control center
For information call: (800) 854-1015

Date prepared: August 4, 2000; revised: May 31, 2011
Product name: Super Dope™ Pipe Thread Sealant

Chemical Name & Synonyms: Anaerobic Composition (Thread Sealant)
Trade Name & Synonyms: PS67
Chemical Family: Methacrylate Esters
Formula: Various
Flammability: Low
Health: Low
Reactivity: Low
Specific Hazard: Mild Skin Irritant

SECTION II – HAZARDOUS INGREDIENTS

Hazardous Mixtures of Other Liquids, Solids or Gases

	CAS#	%	CARCINOGEN		
			NTP	IARC	OSHA
POLYGLYCOL DIMETHACRYLATE	25852-47-5	35-40	No	No	No
POLYMERIC PLASTICIZER	25103-87-1	25-30	No	No	No
CELLULOSE ESTER	9004-36-8	15-20	No	No	No
POLY (TETRAFLUORETHYLENE)	9002-84-0	5-10	No	N/A	No
SILICA, AMORPHOUS TREATED	112945-52-5	3-5	No	N/A	No
TITANIUM DIOXIDE	13463-67-7	3-5	No	No	No
CUMENE HYDROPEROXIDE*	80-15-9	1-3	No	No	No
SACCHARIN**	81-07-2	1-3	Yes	2B	No
N,N-DIALKYL TOLUIDINES	613-48-9	0.1-1	No	No	No
POLY (ETHYLENE)	9002-88-4	0.1-0.5	No	N/A	No

*This component is listed as SARA SECTION 313 toxic chemical.

**2B – Possibly CARCINOGENIC to humans.

SECTION III – PHYSICAL DATA

<u>Boiling Point:</u>	More than 300-F	<u>Specific Gravity:</u>	1.1 @80-F
<u>Vapor Pressure:</u>	Less than 5mm @ 80-F	<u>Percent Volatile, by volume:</u>	7.9%
<u>Vapor Density:</u>	N/A	<u>Evaporation Rate:</u>	N/A
<u>Solubility in Water:</u>	Slight	<u>Appearance & Odor:</u>	White Paste, Mild Odor

SECTION IV – FIRE & EXPLOSION HAZARD DATA

<u>Flash Point:</u>	More than 200-F (method T.C.C.)
<u>Flammable Limits:</u>	LEL: N/A UEL: N/A
<u>Extinguishing Media:</u>	Carbon dioxide, Dry chemical, Foam
<u>Special Fire Fighting Procedures:</u>	Self containing breathing apparatus.
<u>Unusual Fire & Explosion Hazard:</u>	Irritating organic vapors.

SECTION V – HEALTH HAZARD DATA

<u>Threshold Limit Value:</u>	No criteria for measurement. Not yet established.
<u>Effects of Overexposure:</u>	May cause dermatitis on prolonged contact in sensitive individuals.
<u>Emergency and First Aid Procedures:</u>	
<u>Ingestion:</u>	Do not induce vomiting. Keep individual calm. Obtain medical attention.
<u>Inhalation:</u>	Does not apply.
<u>Skin contact:</u>	Wash with soap and water.
<u>Eye Contact:</u>	Flush at least 15 minutes with water. Obtain medical attention.

SECTION VI – REACTIVITY DATA

<u>Stability:</u>	Stable under normal conditions
<u>Incompatibility (Materials to Avoid):</u>	Avoid contamination with base materials.
<u>Hazardous Decomposition Products:</u>	(None) Non-thermal.
<u>Hazardous Polymerization:</u>	Will not occur.
<u>Conditions to avoid:</u>	Temperatures in excess of 150 degrees F.

SECTION VII – SPILL OR LEAK PROCEDURES

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

Soak up in an absorbent material. Store in a partly filled, closed container until disposal.

Waste Disposal Method:

Incinerate in accordance with EPA and local regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

<u>Respiratory Protection (type):</u>	None needed for normal use.
<u>Ventilation:</u>	N/A
<u>Protective Gloves:</u>	Rubber gloves or plastic gloves.
<u>Eye Protection:</u>	Safety glasses or goggles.
<u>Other Protective Equipment:</u>	Barrier creams recommended.

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage:

Store below 110 – F to preserve shelf life.

Other Precautions:

Keep away from children.

Disclaimer

The information contained herein is accurate and reliable as of the date issued to the best of the manufacturer's knowledge. ARGCO doesn't warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising from the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

END OF MATERIAL SAFETY DATA SHEET

Super Dope™ Pipe Thread Sealant

Technical Information

Description

SuperDope™ Pipe Thread Sealant is an easy to use pipeline sealant that sets fast to give an instant low-pressure seal of 100psi and a high-pressure seal when fully cured. Unlike solvent based pipe dopes, Instant Pipe Thread Sealants cure anaerobically, therefore, have no solvents leaking out of the sealant, leaving behind leak paths. Finally, it provides 100% sealing capability and does not shrink when curing to allow failure at a later date.

Applications

Typical applications are in sealing of all types of threaded connections against water, oil, grease, and most common materials conveyed by pipes. It is extensively used on pressure vessels, air compressors, hydraulic systems, tanks, etc. for positive vibration proof sealing.

Useful Hints/Notes

Where cure speed is extended due to low temperatures or inactive surfaces, activator can be used. Best results are found if Pipe Sealant is applied to 2nd or 3rd threadworms. Excess can be wiped away; any migration into lines will not solidify and can be flushed away during commissioning.

Properties

Resists most solvents.
Fast cure to fixture usually <15 minutes @68° F.
Temperature range: -65°F to +400°F.
Typical strength: >10,000 psi

Instructions for use

Ensure parts are clean, dry and free from oil and grease.

Procedure for Application

Product is normally hand applied from the tube or brushed onto threads.

Compatible Accelerators/Primer

Primers such as (Primer T) can be used. However, up to 30% strength loss can occur when using primers.

Technical Features

Resin:	Dimethacrylate
Color:	White
Cure Speed with Activator:	<10 minutes
Cure Speed without Activator:	4 hours
Viscosity (Thixotropic):	300,000-400,000cps
Gap Fill:	N/A
Flash Point:	>200°F
Shelf Life:	12 months @68°F
Specific Gravity:	1.1 @ 80°F
Max. Operating Temperature:	-65°F to 400°F

Cured Performance

Full Cure Time:	24 hours @68°F
Shear Strength:	10,000 psi

Storage

Store in a cool area out of direct sunlight. Refrigeration to 41 gives optimum storage stability.

Presentation

Bottles:	10ml, 50ml, 250ml & 1ltr
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Health & Safety in Use

Irritant: Contains Methacrylate Esters and some products contain small amounts of Acrylic Acid. Irritates the eyes, the respiratory organs and the skin. In case of contact with the skin, wash immediately with plenty of water.