



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name COMPOTITE 7929
Version # 03
Issue date 02-03-2012
Revision date 02-26-2013
Supersedes date 09-20-2012
CAS # Mixture
Product use Elastomeric sealant.
Manufacturer information
Manufacturer/Supplier: ADCO Products
4401 Page Ave, P.O. Box 457
Michigan Center, MI 49254
US
General Information: 517-764-0334
Emergency:
3E Global Incident Access code 333845
Response Hotline:
America 1-866-519-4752
Europe 4-760-476-3961
Asia 1-760-476-3960
Middle East/Africa 1-760-476-3959
Australia +61 1 800 686 951
China +86 4001 2001 74

2. Hazards Identification

Physical state Liquid.
Appearance Liquid.
Emergency overview WARNING
Flammable liquid and vapor.
Causes skin and eye irritation. In high concentrations, vapors may be irritating to the respiratory system. May cause adverse reproductive effects - such as birth defects, miscarriages, or infertility based on animal data.
OSHA regulatory status This product is hazardous according to OSHA 29 CFR 1910.1200.
Potential health effects
Eyes Causes eye irritation.
Skin Causes skin irritation.
Inhalation In high concentrations, vapors may be irritating to the respiratory system.
Ingestion No harmful effects expected in amounts likely to be ingested by accident.
Target organs Eyes. Skin. Lung.
Chronic effects This product may cause adverse reproductive effects. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain.
Potential environmental effects Not expected to be harmful to aquatic organisms.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Toluene	108-88-3	15-40
Talc	14807-96-6	10-30
Limestone	1317-65-3	5-15
Solvent naphtha (petroleum), light aliph.	64742-89-8	4-8

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CPH MSDS NA
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Components	CAS #	Percent
Titanium dioxide	13463-67-7	4-8
Silica, amorphous, fumed	112945-52-5	1-5

Composition comments Any pigments or fillers in this product which may be considered "Hazardous" are potentially hazardous only if inhaled as an air-borne dust. Exposure by these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First Aid Measures

First aid procedures

Eye contact	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.
Skin contact	Wash off with soap and plenty of water. Get medical attention promptly if symptoms occur after washing.
Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Ingestion	Seek medical advice.

5. Fire Fighting Measures

Flammable properties	Flammable liquid and vapor.
Extinguishing media	
Suitable extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Fire fighting equipment/instructions	Self-contained breathing apparatus operated in positive pressure mode and full protective clothing must be worn in case of fire.
Specific methods	Use water spray to cool unopened containers. Move container from fire area if it can be done without risk.
Hazardous combustion products	Carbon oxides. Silicon oxides. Nitrogen oxides.

6. Accidental Release Measures

Personal precautions	Wear appropriate personal protective equipment (See Section 8).
Methods for cleaning up	Eliminate all ignition sources. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.
	Large Spills: Flush area with water. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

7. Handling and Storage

Handling	Keep away from heat, sparks and open flame. Wear appropriate personal protective equipment (See Section 8).
Storage	Keep away from heat, sparks, and flame. Keep container tightly closed in a cool, well-ventilated place.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Toluene (CAS 108-88-3)	TWA	20 ppm	

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Limestone (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
		15 mg/m3	Total dust.

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Silica, amorphous, fumed (CAS 112945-52-5)	TWA	0.8 mg/m3	
Talc (CAS 14807-96-6)	TWA	20 millions of particle	Total dust.
		0.3 mg/m3	
		0.1 mg/m3	
		20 millions of particle	Respirable.
		2.4 millions of particle	

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
Limestone (CAS 1317-65-3)	TWA	10 mg/m3	Respirable particles.
Talc (CAS 14807-96-6)	TWA	2 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Toluene (CAS 108-88-3)	TWA	188 mg/m3	
		50 ppm	

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Limestone (CAS 1317-65-3)	STEL	20 mg/m3	Total dust.
	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable.
Titanium dioxide (CAS 13463-67-7)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
Toluene (CAS 108-88-3)	TWA	20 ppm	

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
Talc (CAS 14807-96-6)	TWA	2 fibers/ml	Respirable particles.
		2 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Toluene (CAS 108-88-3)	TWA	20 ppm	

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value	Form
Limestone (CAS 1317-65-3)	TWA	10 mg/m3	Total dust.
Talc (CAS 14807-96-6)	TWA	3 mg/m3	Respirable dust.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	Total dust.
Toluene (CAS 108-88-3)	TWA	188 mg/m3	
		50 ppm	

Mexico. Occupational Exposure Limit Values

Components	Type	Value	Form
Limestone (CAS 1317-65-3)	STEL	20 mg/m3	Respirable dust.
Silica, amorphous, fumed (CAS 112945-52-5)	TWA	10 mg/m3	
	TWA	3 mg/m3	
Talc (CAS 14807-96-6)	TWA	10 mg/m3	Inhalable particulate.
Titanium dioxide (CAS 13463-67-7)	STEL	2 fibers/cm3	
Toluene (CAS 108-88-3)	TWA	20 mg/m3	
	TWA	10 mg/m3	
	TWA	188 mg/m3	
		50 ppm	
Engineering controls	Ensure adequate ventilation, especially in confined areas.		
Personal protective equipment			
Eye / face protection	Wear safety glasses with side shields (or goggles). Wear a full-face respirator, if needed.		
Skin protection	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.		
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.		
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.		

9. Physical & Chemical Properties

Appearance	Liquid.
Physical state	Liquid.
Form	Liquid.
Color	Not assigned.
Odor	Mild solvent.
Odor threshold	Not available.
pH	Not available.
Vapor pressure	Not available.
Vapor density	Heavier than air
Boiling point	231 - 245 °F (110.6 - 118.3 °C)
Melting point/Freezing point	Not available.
Solubility (water)	Not soluble
Specific gravity	1.18
Flash point	40 - 50 °F (4.4 - 10 °C) Tag Closed Cup
Flammability limits in air, upper, % by volume	7.4
Flammability limits in air, lower, % by volume	0.9 %
Auto-ignition temperature	Not available.
VOC	2.73 lb/gal
Evaporation rate	Slower than ether
Percent volatile	38.646 % v/v
Partition coefficient (n-octanol/water)	No data available.

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Keep away from heat, sparks, and flame.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Sensitization	No sensitizing effects known.
Acute effects	Causes skin and eye irritation. In high concentrations, vapors may be irritating to the respiratory system.
Chronic effects	Toluene has been reported to decrease immunological responses and cause recordable hearing loss in laboratory animals.
Carcinogenicity	Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

ACGIH Carcinogens

Talc (CAS 14807-96-6)	A4 Not classifiable as a human carcinogen.
Titanium dioxide (CAS 13463-67-7)	A4 Not classifiable as a human carcinogen.
Toluene (CAS 108-88-3)	A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Silica, amorphous, fumed (CAS 112945-52-5)	3 Not classifiable as to carcinogenicity to humans.
Talc (CAS 14807-96-6)	2B Possibly carcinogenic to humans.
	3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.

Reproductive effects	Toluene: May adversely affect the developing fetus.
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12. Ecological Information

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	No data available.
Bioaccumulation / Accumulation	No data available.
Partition coefficient	No data available.
Mobility in environmental media	No data available.

13. Disposal Considerations

Waste codes	D001: Waste Flammable material with a flash point <140 °F
Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. When this product as supplied is to be discarded as waste, it may meet the definition of a RCRA waste under 40 CFR 261.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

DOT

Basic shipping requirements:

UN number	UN1133
Proper shipping name	Adhesives
Hazard class	3
Packing group	II
Additional information:	
Special provisions	149, B52, IB2, T4, TP1, TP8
Packaging exceptions	150

Packaging non bulk	173
Packaging bulk	242
IATA	
UN number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	3
Packing group	II
ERG code	3L
IMDG	
UN number	UN1133
UN proper shipping name	ADHESIVES
Transport hazard class(es)	3
Packing group	II
EmS	F-E, S-D
TDG	
UN number	UN1133
Proper shipping name	ADHESIVES
Hazard class	3
Packing group	II

15. Regulatory Information

US federal regulations This product is hazardous according to OSHA 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Toluene (CAS 108-88-3)

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Toluene (CAS 108-88-3) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Toluene (CAS 108-88-3) Listed.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

Toluene: 1000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A)
 No

Section 311/312 (40 CFR 370)
 Yes

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)
 Not controlled

WHMIS status
 Controlled

WHMIS classification
 B2 - Flammable Liquids
 D2A - Other Toxic Effects-VERY TOXIC
 D2B - Other Toxic Effects-TOXIC

WHMIS labeling



Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

State regulations

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Hazardous Substances (Director's): Listed substance

Silica, amorphous, fumed (CAS 112945-52-5)	Listed.
Talc (CAS 14807-96-6)	Listed.
Toluene (CAS 108-88-3)	Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Quartz (Silica Crystalline) (CAS 14808-60-7)	Listed.
Titanium dioxide (CAS 13463-67-7)	Listed.
Toluene (CAS 108-88-3)	Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Quartz (Silica Crystalline) (CAS 14808-60-7)	Listed: October 1, 1988 Carcinogenic.
Titanium dioxide (CAS 13463-67-7)	Listed: September 2, 2011 Carcinogenic.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene (CAS 108-88-3)	Listed: January 1, 1991 Developmental toxin.
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US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3)	Listed: August 7, 2009 Female reproductive toxin.
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US - New Jersey RTK - Substances: Listed substance

Limestone (CAS 1317-65-3)	Listed.
Talc (CAS 14807-96-6)	Listed.
Titanium dioxide (CAS 13463-67-7)	Listed.
Toluene (CAS 108-88-3)	Listed.

US. Massachusetts RTK - Substance List

Limestone (CAS 1317-65-3)	Listed.
Silica, amorphous, fumed (CAS 112945-52-5)	Listed.
Talc (CAS 14807-96-6)	Listed.
Titanium dioxide (CAS 13463-67-7)	Listed.
Toluene (CAS 108-88-3)	Listed.

US. New Jersey Worker and Community Right-to-Know Act

Toluene (CAS 108-88-3)	500 lbs
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US. Pennsylvania RTK - Hazardous Substances

Limestone (CAS 1317-65-3)	Listed.
Silica, amorphous, fumed (CAS 112945-52-5)	Listed.
Talc (CAS 14807-96-6)	Listed.
Titanium dioxide (CAS 13463-67-7)	Listed.
Toluene (CAS 108-88-3)	Listed.

16. Other Information**Further information**

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 2*
Flammability: 3
Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 3
Instability: 0

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