



Paints

# MATERIAL SAFETY DATA SHEET

211334 Part# CS144 5.5-OZ  
CAULK,CLEAR SEAL,5.5-OZ #CS144  
3496500 MACCO ADHESIVES  
Buyer: Bernard W. Aubuchon Jr.

## LIQUID NAILS MULTI-PURPOSE CLEAR SEAL

North America

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# CS145

### HAZARDS IDENTIFICATION (ANSI Section 3)

**Primary route(s) of exposure :** Inhalation, skin contact, eye contact, ingestion.

**Effects of overexposure :**

**Inhalation :** Irritation of respiratory tract. Prolonged inhalation may lead to. Inhalation of spray mist may cause irritation of respiratory tract. Loss of appetite, fatigue, drowsiness, dizziness and/or lightheadedness, headache, uncoordination, nausea, vomiting, chest pain, blurred vision, coughing, sneezing, difficulty with speech, central nervous system depression, intoxication, metallic taste, confusion, anesthetic effect or narcosis, difficulty of breathing, tremors, liver damage, kidney damage, neurotoxicity, loss of consciousness, respiratory failure, asphyxiation, death.

**Skin contact :** Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting, blistering.

**Eye contact :** Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, blurred vision, tearing of eyes, redness of eyes, severe eye irritation, corneal injury.

**Ingestion :** Ingestion may cause lung inflammation and damage due to aspiration of material into lungs, fatigue, drowsiness, dizziness and/or lightheadedness, headache, uncoordination, nausea, vomiting, diarrhea, gastro-intestinal disturbances, abdominal pain, central nervous system depression, intoxication, difficulty of breathing, liver damage, kidney damage, pulmonary edema.

**Medical conditions aggravated by exposure :** Eye, skin, respiratory disorders

### FIRST-AID MEASURES (ANSI Section 4)

**Inhalation :** Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

**Skin contact :** Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use. If irritation occurs, consult a physician.

**Eye contact :** Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment. Immediately flush with large quantities of water on site for 20 to 30 minutes. Hold eyes open during flushing. Call a physician. Continue water flush up to one hour during transport to a medical facility.

**Ingestion :** If swallowed, obtain medical treatment immediately.

### FIRE-FIGHTING MEASURES (ANSI Section 5)

**Fire extinguishing media :** Dry chemical or foam water fog. Carbon dioxide. Closed containers may explode when exposed to extreme heat or fire. Vapors may ignite explosively at ambient temperatures. Vapors are heavier than air and may travel long distances to a source of ignition and flash back. Vapors can form explosive mixtures in air at elevated temperatures. Closed containers may burst if exposed to extreme heat or fire. May decompose under fire conditions emitting irritant and/or toxic gases. In closed tanks, water or foam may cause frothing or eruption.

**Fire fighting procedures :** Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus.

**Hazardous decomposition or combustion products :** Carbon monoxide, carbon dioxide, aldehydes, smoke and soot, unidentified organic compounds.

### ACCIDENTAL RELEASE MEASURES (ANSI Section 6)

**Steps to be taken in case material is released or spilled :** Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Ventilate area with explosion-proof equipment. Spills may be collected with absorbent materials. Use non-sparking tools. Evacuate all unnecessary personnel. Place collected material in proper container. Complete personal protective equipment must be used during cleanup. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excess residue. Keep salvageable material and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

### HANDLING AND STORAGE (ANSI Section 7)

**Handling and storage :** Store below 80f. Keep away from heat, sparks and open flame.

**Other precautions :** Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Empty containers may contain hazardous residues. Ground equipment when transferring to prevent accumulation of static charge.

### EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

**Respiratory protection :** Control environmental concentration below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian z94.4).

**Ventilation :** Provide dilution ventilation or local exhaust to prevent build-up of vapors. Use explosion-proof equipment. Use non-sparking equipment.

**Personal protective equipment :** Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing, face shield, boots.

### STABILITY AND REACTIVITY (ANSI Section 10)

**Under normal conditions :** Stable see section 5 fire fighting measures

**Materials to avoid :** Oxidizers, acids, bases, amines, nitric acid, mineral acids.

**Conditions to avoid :** Elevated temperatures, contact with oxidizing agent, sparks, open flame, ignition sources.

**Hazardous polymerization :** Will not occur

### TOXICOLOGICAL INFORMATION (ANSI Section 11)

**Supplemental health information :** Contains a chemical that is readily absorbed through skin.

Contains a chemical that may be absorbed through skin. Notice - reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Other effects of overexposure may include toxicity to liver, kidney, central nervous system, blood, heart.

The information contained herein is based on data available at the time of preparation of this data sheet which ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and the users of this material. Complies with OSHA hazard communication standard 29CFR1910.1200.

**Carcinogenicity:** The international agency for research on cancer (IARC) has evaluated ethylbenzene and classified it as a possible human carcinogen (group 2b) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. In a 2 year inhalation study conducted by the national toxicology program (NTP), ethylbenzene vapor at 750 ppm produced kidney and testicular tumors in rats and lung and liver tumors in mice. Genetic toxicity studies showed no genotoxic effects. The relevance of these results to humans is not known.

**Reproductive effects:** High exposures to xylene in some animal studies, often at maternally toxic levels, have affected embryo/fetal development. The significance of this finding to humans is not known.

**Mutagenicity:** No mutagenic effects are anticipated

**Teratogenicity:** No teratogenic effects are anticipated

**ECOLOGICAL INFORMATION**

No ecological testing has been done by ICI paints on this product as a whole.

**DISPOSAL CONSIDERATIONS**

**Waste disposal:** Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

**REGULATORY INFORMATION**

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

(ANSI Section 2)

(ANSI Section 13)

(ANSI Section 15)

**Physical Data**

(ANSI Sections 1, 9, and 14)

Product Code	Description	Wt. / Gal.	VOC gr. / ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMIS	DOT, proper shipping name
AHE14512CL0	cs-145, liquid nails multi-purpose sealant, clear	7.32	354.34	46.18	54 f	231-740	240	flammable liquid, nos. 3, UN1993, PGIII, (vm&sp naphtha, toluene)

**Ingredients**

Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	AHE14512C L0
benzene, ethyl-	ethylbenzene	100-41-4	.1-1.0
benzene, methyl-	toluene	108-88-3	5-10
benzene, dimethyl-	xylene	1330-20-7	1-5
solvent naphtha (petroleum), light aliphatic	light aliphatic solvent naphtha (petroleum)	64742-89-8	30-40
styrene polymer/1,3 butadiene copolymer	thermoplastic rubber	66070-58-4	5-10
benzene, ethenyl-, polymer with (1-methylethenyl) benzene, hydrogenated	hydrocarbon resin	68441-37-2	10-20
benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene, hydrogenated	thermoplastic rubber	68648-89-5	5-10
white mineral oil (petroleum)	mineral oil	8042-47-5	1-5
butene homopolymer	polybutene	9003-29-6	1-5
benzene, ethenyl-, polymer with (1-methylethenyl) benzene	thermoplastic resin	9011-11-4	10-20

**Chemical Hazard Data**

(ANSI Sections 2, 8, 11, and 15)

Common Name	CAS. No.	ACGIH-TLV			OSHA-PEL			S.R. Std.	S2	S3	CC	H	M	N	I	O
		8-Hour TWA	STEL	C	S	8-Hour TWA	STEL									
ethylbenzene	100-41-4	100 ppm	125 ppm	not est.	not est.	not est.	not est.	not est.	n	y	y	n	n	n	n	n
toluene	108-88-3	50 ppm	not est.	not est.	y	not est.	not est.	not est.	n	y	y	n	n	n	n	n
xylene	1330-20-7	100 ppm	150 ppm	not est.	not est.	not est.	not est.	not est.	n	y	y	n	n	n	n	n
light aliphatic solvent naphtha (petroleum)	64742-89-8	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
thermoplastic rubber	66070-58-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
hydrocarbon resin	68441-37-2	10 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
thermoplastic rubber	68648-89-5	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
mineral oil	8042-47-5	5 mg/m3	10 mg/m3	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
polybutene	9003-29-6	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
thermoplastic resin	9011-11-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n

**Footnotes:**  
 C=Concentration that should not be exceeded, even instantaneously.  
 S=Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.

n/a=not applicable  
 not est=not established  
 CC=CERCLA Chemical

ppm=parts per million  
 mg/m3=milligrams per cubic meter  
 Sup. Conf.=Supplier Confidential

S2=Sara Section 302 EHS  
 S3=Sara Section 313 Chemical S.R. Std.=Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant  
 P=Pollutant, S=Severe Pollutant  
 Carcinogenicity Listed By:  
 N=NTP, I=IARC, D=OSHA, y=yes, n=no