

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY 1C POLYURETHANE CKO White and Colors Air dry, one component polyurethane coating	<i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i>
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Section I

Manufacturer's name Technical Coatings Corporation	Emergency Telephone Number 404-408-0401
Address (Number, Street, City, State and ZIP Code) 3085 Trotters Parkway Alpharetta, GA 30004	Telephone Number for Information 770-740-8123
	Date Prepared 01/27/11
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Aromatic solvents CAS #108-88-3		100		6.1
Aliphatic solvents CAS #110-54-3		50		6.1

This product may contain one or more materials subject to the reporting requirements of Section 313 of the emergency planning and community Right-To-Know Acts of 1986 and of 40 CFR 372, see Section X for specific materials.

Section III—Physical/Chemical Characteristics

Boiling Point	230 Deg F	Specific Gravity (H ₂ O = 1)	50.1 Average
Vapor Pressure (mm Hg)	Not established	Melting Point	N/A
Vapor Density (AIR = 1)	Not established	Evaporation Rate (Butyl Acetate = 1)	Slower than ether
Solubility in Water	Slight		
Appearance and Odor	White and various colors, Paint smell		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	TCC/PM deg F: 45 Extremely Flammable	Flammable Limits	LEL 1.0	UEL 6.0
Extinguishing Media	Carbon monoxide, Dry foam, Chemical or and/or water fog.			
Special Fire Fighting Procedures	Fire Fighters must wear self-contained breathing apparatus or air masks.			
Containers exposed to fire should be kept cool with water spray				
Unusual Fire and Explosion Hazards	Contains oxidizing materials. Contaminated rags, wipes, sawdust, etc. may catch fire spontaneously			
Store waste in closed metal containers until disposed of in compliance with all applicable regulations.				

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability This product is stable	Unstable		Conditions to Avoid Heat and flame
	Stable		

Incompatibility (*Materials to Avoid*) None

Hazardous Decomposition or Byproducts Carbon monoxide, Carbon Dioxide

Hazardous Polymerization None	May Occur		Conditions to Avoid None
	Will Not Occur		

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation Yes	Skin Yes	Ingestion Yes
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Health Hazards (*Acute and Chronic*) Eye irritation. Harmful if inhaled. May affect brain, nervous system or respiratory system, causing dizziness, headache, nausea or respiratory irritation. Overexposure to ingredients in this product may cause nose and throat irritation eye irritation, and skin irritation

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure Reports have associated repeated and long term and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Medical Conditions Generally Aggravated by Exposure Medical conditions generally aggravated by exposure: Any respiratory condition

Emergency and First Aid Procedures Emergency procedures and first aid: Eye contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention. Skin contact Wash thoroughly with soap and water Inhalation: If affected by inhalation of vapor or spray mist, remove to fresh air. Swallowing: If swallowed, get medical attention immediately

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled Ventilate area. Avoid breathing of vapors. Use self-contained breathing apparatus or air mask for large spill in confined area Avoid contacts with eyes

Waste Disposal Method Waste disposal method: Dispose in chemical disposal area or in a manner that complies with local, state and federal regulations. Do not incinerate closed containers.

Precautions to Be Taken in Handling and Storing Keep away from heat, sparks and open flames. Keep containers closed when not in use. Do not store above 120 deg. F, based on OSHA 1910.106.

Other Precautions Empty containers may contain product residue, including flammable and explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been properly disposed.

Section VII—Control Measures

Respiratory Protection Wear appropriate, properly fitted respirator (NIOSH / MSHA approved) during and after application, unless air monitoring vapor / mist level are below applicable limits.

Ventilation	Local Exhaust	Required for handling in confined areas.	Special	Ventilation equipment must be explosion proof.
	Mechanical (<i>General</i>)		Other	

Protective Gloves	Gloves impervious to solvents.	Eye Protection	Chemical safety goggles.
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Other Protective Clothing or Equipment Usual clothing and protective gear used for handling solvent based flammable products.

Work/Hygienic Practices

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