

Safety Data Sheet



Issue Date 21-May-2013

Revision Date: 08-Aug-2013

Version 1

1. IDENTIFICATION

Product Name PC - Woody, Part A

MSDS # 130625-17-CA

Recommended Use Adhesives

Supplier Address

Protective Coatings Co.
221 S Third St.
Allentown, PA 18102 USA

Company Phone Number

610-432-3543 / 800-220-2103

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. Hazards Identification

EMERGENCY OVERVIEW

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction

Appearance White paste

Physical State Paste.

Odor Mild

Potential Health Effects

Acute Toxicity

Eyes

Causes serious eye irritation

Skin

Causes skin irritation

Inhalation

Under normal conditions of intended use, this material is not expected to be an inhalation hazard

Ingestion

May cause discomfort if swallowed

Chronic effects

No known effect based on information supplied

Symptoms

Causes eye irritation. Direct contact may cause temporary redness and discomfort. Causes skin irritation. Can cause respiratory tract irritation. May cause nose, throat, and lung irritation.

Aggravated Medical Conditions

None known

Environmental Hazard

See Section 12: ECOLOGICAL INFORMATION

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Bisphenol A - Epichlorohydrin polymer	25068-38-6	60-65
Kaolin	1332-58-7	8-10
Hydrous magnesium silicate	14807-96-6	5-7
Wood flour	Proprietary	5-7
Bis(2-ethylhexyl) terephthalate	6422-86-2	4-6
Glycidyl Ethers of Bisphenol F Resin	Proprietary	1-3
Titanium Dioxide	1317-80-2	<1
Polyethylene fiber	Proprietary	<1

Product contains a proprietary mixture of ingredients.

4. FIRST-AID MEASURES

General Advice	Provide this SDS to medical personnel for treatment. After first aid, get appropriate in-plant, paramedic, or community medical support
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes Get medical attention if irritation occurs
Skin Contact	Wash with soap and water Remove and wash contaminated clothing before reuse Get medical attention if irritation occurs
Inhalation	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist
Ingestion	Do not induce vomiting Clean mouth with water and drink afterwards plenty of water Seek medical advice
Notes to Physician	Skin and eye conditions may be aggravated by long term exposure Application of corticosteroid cream has been effective in treating skin irritation

5. FIRE-FIGHTING MEASURES

Flammable properties	Not flammable
Flash Point	480 °F / 248.88 °C
Method	CC (closed cup)
Suitable Extinguishing Media	Dry chemical, CO2 or water spray
Hazardous Combustion Products	Carbon monoxide Carbon dioxide (CO2) Aldehydes
Explosion Data	
Sensitivity to Mechanical Impact	None
Sensitivity to Static Discharge	None
Specific Hazards Arising from the Chemical	Product is not flammable

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear Wear positive pressure self-contained breathing apparatus (SCBA) Do not release runoff from fire control methods to sewers or waterways NFPA Class IIIB

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear protective gloves/protective clothing and eye/face protection Avoid breathing vapors, mist or gas Remove any contaminated clothing and wash thoroughly before reuse

Environmental Precautions See Section 12 for additional Ecological Information Prevent runoff from entering drains, sewers or streams

Methods for Containment Prevent further leakage or spillage if safe to do so Soak up and contain spill with an absorbent material

Methods for Clean-Up Dispose of contents/container to an approved waste disposal plant Sweep up absorbed material and shovel into suitable containers for disposal Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations For waste disposal, see section 13 of the SDS

7. HANDLING AND STORAGE

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice Wear appropriate personal protective equipment Avoid breathing dust/fume/gas/mist/vapors/spray Do not eat, drink or smoke when using this product Wash face, hands, and any exposed skin thoroughly after handling Contaminated work clothing should not be allowed out of the workplace

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place Store contents under <90F (32C) NFPA Class IIIB storage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Kaolin 1332-58-7	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Hydrous magnesium silicate 14807-96-6	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	(vacated) TWA: 2 mg/m ³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more, use Quartz limit	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³ containing no Asbestos and <1% Quartz respirable dust
Trade Secret	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust

Engineering Controls Provide general or local exhaust ventilation if product is sanded or ground

Personal protective equipment (PPE)

Skin and Body Protection Wear protective gloves and protective clothing

Eye/Face Protection	Chemical safety goggles/faceshield
Respiratory Protection	Ensure adequate ventilation, especially in confined areas

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice Do not eat, drink or smoke when using this product Wash contaminated clothing before reuse

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Paste	Odor	Mild
Appearance	White paste	Odor Threshold	Not determined
Color	White		
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not available		
Boiling Point/Boiling Range	No data		
Flash Point	248.88 °C / 480 °F	CC (closed cup)	
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not available		
Lower Flammability Limit	Not available		
Vapor Pressure	Not determined		
Vapor Density	Not available		
Specific Gravity	0.79	(1=Water) @ 4°C	
Water Solubility	Insoluble in water		
Solubility in other solvents	Alcohols		
Partition Coefficient	Not determined		
Autoignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
Density	6.6 lbs/gal		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Incompatible Materials	Strong oxidizing agents, acids, Amines, Bases
Conditions to Avoid	Keep out of reach of children
Hazardous Decomposition Products	None known based on information supplied
Hazardous Polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation hazard

Eye Contact	Causes serious eye irritation
Skin Contact	Causes skin irritation
Ingestion	May cause discomfort if swallowed

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Bisphenol A - Epichlorohydrin polymer	= 11400 mg/kg (Rat)	20000 mg/kg (rabbit)	
Trade Secret	> 5 g/kg (Rat)	> 2 g/kg (Rabbit)	> 5800 mg/m ³ (Rat) 4 h

Chronic toxicity

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrous magnesium silicate		Group 3		
Polyethylene fiber		Group 3		

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Sensitization	May cause an allergic skin reaction.
Target organ effects	None known

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hydrous magnesium silicate		100: 96 h Brachydanio rerio g/L LC50 semi-static	

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations
Contaminated Packaging	Do not reuse container

14. TRANSPORT INFORMATION

DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

TDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Bisphenol A - Epichlorohydrin polymer	Present	X				Present	X	Present	X	X
Kaolin	Present	X		Present		Present	X	Present	X	X
Hydrous magnesium silicate	Present	X		Present		Present	X	Present	X	X
Wood flour	Present	X		Present		Present	X	Present	X	X
Bis(2-ethylhexyl) terephthalate	Present	X		Present		Present	X	Present	X	X
Glycidyl Ethers of Bisphenol F Resin	Present	X				Present	X	Present	X	X
Titanium Dioxide	Present	X		Present		Present	X	Present	X	X
Polyethylene fiber	Present	X				Present	X	Present	X	X

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Kaolin	X	X	X
Hydrous magnesium silicate	X	X	X
Trade Secret	X	X	X
Titanium Dioxide			X

International Regulations

Chemical Name	Carcinogenicity	Exposure Limits
Kaolin		Mexico: TWA 10 mg/m ³ Mexico: STEL 20 mg/m ³
Hydrous magnesium silicate		Mexico: TWA 2 mg/m ³
Wood flour		Mexico: TWA 10 mg/m ³ Mexico: STEL 20 mg/m ³

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

Class D, Div. 2



16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 1	Stability 0	Special Hazards -
HMIS	Health Hazards 1	Flammability 1	Physical Hazards 0	Personal Protection B- Safety Glasses, Gloves

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Revision Note New format
Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet