



Excel Autobody Products

PRODUCT NAME: FIRESIDE COPPER PEARL

Recommended use Additive **Recommended restrictions** None Known

MANUFACTURER: Excel Autobody Products

2921 Syene Road, Madison, WI 53713

PRODUCT INFORMATION: (800) 957-0848 EMERGENCY TELEPHONE: 1-800-424-9300

SECTION II - HAZARDOUS IDENTIFICATION

Physical hazards Not classified.

Health hazards Acute toxicity, oral Category 4 Acute toxicity, dermal Category 3 Skin corrosion/irritation Category 2 Category 2A Serious eye damage/eye irritation

Environmental hazards OSHA defined hazards **Label elements**

Not classified. Not classified.



Signal word **Hazard statement** Danger

Harmful if swallowed. Toxic in contact with skin. Causes skin irritation. Causes serious eye irritation.

Precautionary statement

Prevention

Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing. Wear eye/face protection.

Response

If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses. if present and easy to do. Continue rinsing. Call a poision center/doctor if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation presists: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/

international regulations.

Hazard(s) not otherwise

classified (HNOC)

None known.

Supplemental information 83% of the mixture consists of component(s) of unknown acute oral toxicity. 85% of the

mixture consists of component(s) of unknown acute dermal toxicity.

SECTION III

Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Aluminum Oxide Regulatory		1344-28-1	40 - < 60
Iron Oxide		1309-37-1	25 - < 45
Butyl Cellosolve/Glycol Ether EB		111-76-2	5 - < 20
Silica		7631-86-9	0 - < 5
Other components below reportable levels			5 - < 10

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.



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SECTION IV - FIRST AID MEASURES

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Take off immediately all contaminated clothing. Wash with plenty of soap and water.

 $\label{lem:continuous} \textbf{Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical}$

advice/attention. Wash contaminated clothing before reuse.

Eye contactDo not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Get medical

attention if irritation develops and persists.

Ingestion Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into

the lungs. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dusts may irritate the respiratory tract, skin and eyes. Skin irritation.

May cause redness and pain.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim warm.

Keep victim under observation. Symptoms may be delayed.

General information

Take off immediately all contaminated clothing. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Show this safety data sheet to the doctor in attendance.

SECTION V - FIREFIGHTING MEASURES

Suitable extinguishing media

Powder. Alcohol resistant foam. Water spray. Carbon Dioxide (CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and

Self-contained breathing apparatus and full protective clothing must be

worn in case of fire.

precautions for firefighters

Fire fighting Us equipment/instructions

Use water spray to cool unopened containers.

Specific methods Use standard firefighting procedures and consider the hazards of

other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.





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Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Collect dust using a vacuum cleaner equipped with HEPA filter.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Avoid the generation of dusts during clean-up. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

SECTION VII - HANDLING AND STORAGE

Precautions for safe handling

Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container.

Store in a well-ventilated place. Store away from incompatible materials

(see Section 10 of the SDS).

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

Occupational exposure limits

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

Components	Туре	Value	Form	
Aluminum Oxide Regulatory	PEL	5 mg/m3	Respirable fraction.	_
(CAS 1344-28-1)				
		15 mg/m3	Total dust.	
Butyl Cellosolve/Glycol	PEL	240 mg/m3		
Ether EB (CAS 111-76-2)				
		50 ppm		
Iron Oxide (CAS 1309-37-1)	PEL	10 mg/m3	Fume.	
US. OSHA Table Z-3 (29 CFR 19	10.1000)			

Components	Туре	Value		
Silica (CAS 7631-86-9)	TWA	0.8 mg/m3		•
		20 mppcf		
US. ACGIH Threshold Limit Value	s			
Components	Туре	Value	Form	
Aluminum Oxide	TWA	1 mg/m3	Respirable fraction.	•
(CAS 1344-28-1)				
Butyl Cellosolve/Glycol	TWA	20 ppm		
Ether EB (CAS 111-76-2)				
Iron Oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.	



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SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

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US.	MIO2H:	Pocket	Guide to	Chemical	mazarus

Components	Туре	Value	Form
Butyl Cellosolve/Glycol	TWA	24 mg/m3	Respirable fraction.
Ether EB (CAS 111-76-2)			
		5 ppm	
Iron Oxide (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
Silica (CAS 7631-86-9)	TWA	6 mg/m3	

Biological limit values

ACCGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Butyl Cellosolve/Glycol	200 mg/g	Butoxyacetic	Creatinine in	*
Ether EB (CAS 111-76-2)		acid (BAA), with	urine	
		hydrolyeie		

^{* -} For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2) Skin designation applies.

US - Tennessee OELs: Skin designation

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

Can be absorbed through the skin.

US - NIOSH Pocket Guide to Chemical Hazards: Skin designationButyl Cellosolve/Glycol Ether EB (CAS 111-76-2) Ca

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2) Can be absorbed through the skin. **US - OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

Can be absorbed through the skin.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Eye wash facilities and emergency shower must be available when handling this product.

must be available when naming this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Face shield is recommended. Wear safety glasses with slide shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be

recommended by the glove supplier.

Other Use of an impervious apron is recommended.

Respiratory protectionUse a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/

fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Keep away from food and drink. 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.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state Solid.
Form Powder.
Color Pearlescent
Odor Solvent.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -102.64 °F (-74.8 °C) estimated Initial boiling point and boiling 335.12 °F (168.4 °C) estimated

ange

Flash point 143.0 °F (61.7 °C) estimated

Evaporation rate Not available.
Flammability (solid, gas) Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Flammability limit - upper (%)
Explosive limit - lower (%)
Explosive limit - upper (%)
Vapor pressure
Vapor density
Relative density
Not available.
Not available.
Not available.
Not available.
Not available.

Solubility(ies)

Solubility (water) Not available. **Partition coefficient** Not available.

(n-octanol/water)

Auto-ignition temperature 460.4 °F (238 °C) estimated

Decomposition temperatureNot available. **Viscosity**Not available.

Other information

Density
4.13 g/cm3 estimated
Flammability class
Percent volatile
33.75 w/w % By Volume
10 w/w % By Weight

4.13 estimated

SECTION X - STABILITY AND REACTIVITY

Specific gravity

Reactivity The product is stable and non-reactive under normal conditions of use,

storage and transport.

Chemical stabilityMaterial is stable under normal conditions.Possibility of hazardousHazardous polymerization does not occur.

reactions

Conditions to avoid

Avoid temperatures exceeding the flash point.

Contact with incompatible materials.

Incompatible materials Acids. Strong oxidizing agents. Chlorine.

Hazardous decomposition No hazardous decomposition products are known.

products



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SECTION XI - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation Dust may irritate respiratory system. Prolonged inhalation may be harmful.

Skin contact Toxic in contact with skin. Causes skin irritation.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Eye contact Causes serious eye irritation. **Ingestion** Harmful if swallowed.

Symptoms related to the physical, chemical and

physical, chemical and toxicological characteristics

Severe eye irritation. Dusts may irritate the respiratory tract, skin and eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Skin irritation. May cause redness and pain.

SECTION XI - TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicityToxic in contact with skin. Harmful if swallowed.ComponentsSpeciesTest Results

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

<u>Acute</u> Dermal

LD50 Rabbit 400 mg/kg

Inhalation

LC50 Mouse 700 ppm, 7 Hours Rat 450 ppm, 4 Hours

Oral

 LD50
 Guinea pig
 1.2 g/kg

 Mouse
 1.2 g/kg

 Rabbit
 0.32 g/kg

Rat 560 mg/kg

Silica (CAS 7631-86-9)

Acute Oral

LD50

D50 Mouse > 15000 mg/kg Rat > 22500 mg/kg

Skin corrosion/irritationCauses skin irritation.Serious eye damage/eyeCauses serious eye irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicityNo data available to indicate product or any components present at greater

than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)
Iron Oxide (CAS 1309-37-1)
Silica (CAS 7631-86-9)
3 Not classifiable as to carcinogenicity to humans.
3 Not classifiable as to carcinogenicity to humans.
3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

^{*}Estimates for product may be based on additional component data not shown.



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SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects May be harmful if absorbed through skin. Prolonged inhalation may be harmful.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or

damaging effect on the environment.

Components **Species Test Results**

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

Aquatic

LC50 Inland silverside (Menidia beryllina) 1250 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown. No data is available on the degradability of this product.

Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow) Butyl Cellosolve/Glycol Ether EB

SECTION XIII - DISPOSAL CONSIDERATIONS

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Dispose of contents/container in accordance with local/regional/national/

international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and

the waste disposal company.

Waste from residues /

unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe

manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even

after container is emptied. Empty containers should be taken to an approved waste

handling site for recycling or disposal.

SECTION XIV - TRANSPORT INFORMATION

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

DOT

UN number

UN proper shipping name Paint related material including paint thinning, drying, removing, or

reducing compound

Transport hazard class(es)

Class 3 **Subsidiary risk**

3 Label(s) **Packing group**

Special precautions for user Read safety instructions, SDS and emergency procedures

before handling.



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PRODUCT NAME: FIRESIDE COPPER PEARL **SECTION XIV - TRANSPORT INFORMATION**

> **Packaging provisions** 149, B52, IB2, T4, TP1, TP8, TP28

Packaging exceptions 150 173 Packaging non bulk Packaging bulk 242

IATA

UN number UN1263

Paint related material (including paint thinning or reducing compounds) **UN** proper shipping name

Transport hazard class(es)

Class Subsidiary risk Ш **Packing group Environmental hazards** No.

ERG Code 3L

Special precautions for user Read safety instructions, SDS and emergency

Allowed.

procedures before handling.

Other information

Passenger and cargo

aircraft

Cargo aircraft only Allowed.

IMDG

UN number UN1263

UN proper shipping name PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish,

liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL

Transport hazard class(es) (including paint thinning or reducing compound)

> **Class Subsidiary risk** Ш

Packing group

Environmental hazards

Marine pollutant

EmS

Special precautions for user Transport in bulk according to

Annex II of MARPOL 73/78 and the IBC Code

DOT

IATA; IMDG



No. F-E, <u>S</u>-E

Read safety instructions, SDS and emergency procedures before handling.

Not applicable.



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SECTION XV - REGULATORY INFORMATION

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

Nο

SARA 311/312 Hazardous

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Aluminum Oxide Regulatory	1344-28-1	40 - < 60
Butyl Cellosolve/Glycol Ether EB	111-76-2	5 - < 20

Other federal regulations

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

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

US state regulations

US. California Controlled Substances. CA Department of Justice

(California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

(a)) Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

US. Massachusetts RTK - Substance List

Aluminum Oxide Regulatory (CAS 1344-28-1) Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

Iron Oxide (CAS 1309-37-1) Silica (CAS 7631-86-9)

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

luminum Oxide Regulatory (CAS 1344-28-1)

Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

Iron Oxide (CAS 1309-37-1) Silica (CAS 7631-86-9)



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SECTION XV - REGULATORY INFORMATION

US. Pennsylvania Worker and Community Right-to-Know Law

Aluminum Oxide Regulatory (CAS 1344-28-1)
Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)
Iron Oxide (CAS 1309-37-1)
Silica (CAS 7631-86-9)

US. Rhode Island RTK

Aluminum Oxide Regulatory (CAS 1344-28-1) Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECS	C) No
Europe	European Inventory of Existing Commercial Chemical	No
	Substances (EINECS)	
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENC	S) No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substance	ces No
United States & Puerto Rico	(PICCS) Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION XVI - OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date 09-18-2015

Version # 01

Disclaimer Our Company cannot anticipate all conditions under which this information

and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume

liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge

and experience currently available.

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