

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

SECTION I - IDENTIFICATION**PRODUCT NAME: RADIANT RED 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

Serious eye damage/eye irritation

Category 2A

Environmental hazards

Not classified.

OSHA defined hazards

Not classified.

Label elements**Signal word**

Danger

Hazard statementHarmful 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 poison center/
doctor if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical
advice/attention. If eye irritation persists: Get medical advice/attention.
Take off immediately all contaminated clothing and wash it before reuse.**Storage**

Store locked up.

DisposalDispose of contents/container in accordance with local/regional/national/
international regulations.**Hazard(s) not otherwise classified (HNOC)**

None known.

Supplemental information83% 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	30 - < 50
Iron Oxide Regulatory		1309-37-1	30 - < 50
Butyl Cellosolve/Glycol Ether EB		111-76-2	5 - < 15
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.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****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. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact

Do 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 precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting 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.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****Methods and materials for containment and cleaning up**

Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. 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	Type	Value	Form
Aluminum Oxide Regulatory (CAS 1344-28-1)	PEL	5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.
Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)	PEL	240 mg/m ³	
		50 ppm	
Iron Oxide Regulatory (CAS 1309-37-1)	PEL	10 mg/m ³	Fume

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

Components	Type	Value
Silica (CAS 7631-86-9)	TWA	0.8 mg/m ³ 20 mppcf

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Aluminum Oxide Regulatory (CAS 1344-28-1)	TWA	1 mg/m ³	Respirable fraction.
Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)	TWA	20 ppm	
Iron Oxide Regulatory (CAS 1309-37-1)	TWA	5 mg/m ³	Respirable fraction.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION****US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)	TWA	24 mg/m ³	
		5 ppm	
Iron Oxide Regulatory (CAS 1309-37-1)	TWA	5 mg/m ³	Dust and fume.
Silica (CAS 7631-86-9)	TWA	6 mg/m ³	

Biological limit values**ACGIH Biological Exposure Indices**

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

* - 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 designation

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.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Face shield is recommended. Wear safety glasses with side shields (or goggles).

Skin protection**Hand protection**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

Use 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.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Physical state	Solid.
Form	Powder.
Color	Pearlescent
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	-102.64 °F (-74.8 °C) estimated
Initial boiling point and boiling range	335.12 °F (168.4 °C) estimated

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 (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.13 hPa estimated
Vapor density	Not available.
Relative density	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 temperature	Not available.
Viscosity	Not available.
Other information	
Density	4.19 g/cm ³ estimated
Flammability class	Combustible IIIA estimated
Percent volatile	10 w/w % By Weight 33.41 v/v % By Volume
Specific gravity	4.19 estimated

SECTION X - STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****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 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.

Information on toxicological effects

Acute toxicity Toxic in contact with skin. Harmful if swallowed.

Components	Species	Test Results
Butyl Cellosolve/Glycol Ether EB (CAS 111-76-2)		
Acute		
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	Mouse	> 15000 mg/kg
	Rat	> 22500 mg/kg

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

Skin corrosion/irritation Causes skin irritation.
Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

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

Germ cell mutagenicity No 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)	3 Not classifiable as to carcinogenicity to humans.
Iron Oxide Regulatory (CAS 1309-37-1)	3 Not classifiable as to carcinogenicity to humans.
Silica (CAS 7631-86-9)	3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL**

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

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

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential**Partition coefficient n-octanol / water (log Kow)**

Butyl Cellosolve/Glycol Ether EB	0.83
----------------------------------	------

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION XIII - WASTE 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.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****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	Not available.
UN proper shipping name	Consumer Commodity
Transport hazard class(es)	
Class	ORM-D
Subsidiary risk	-
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	156, 306

IATA

UN number	Not available.
UN proper shipping name	Consumer Commodity
Transport hazard class(es)	
Class	ORM-D
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Forbidden.
Cargo aircraft only	Forbidden.

IMDG

UN number	Not available.
UN proper shipping name	Consumer Commodity
Transport hazard class(es)	
Class	ORM-D
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

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.

One or more components are not listed on TSCA.

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.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****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.

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Aluminum Oxide Regulatory	1344-28-1	30 - < 50
Butyl Cellosolve/Glycol Ether EB	111-76-2	5 - < 15

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 (SDWA)

Not regulated.

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 Regulatory (CAS 1309-37-1)

Silica (CAS 7631-86-9)

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

Aluminum Oxide Regulatory (CAS 1344-28-1)

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

Iron Oxide Regulatory (CAS 1309-37-1)

Silica (CAS 7631-86-9)

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 Regulatory (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.

Radiant Red Pearl

MATERIAL SAFETY DATA SHEET

#XL600001

PART NUMBER - #600001**PRODUCT NAME: RADIANT RED PEARL****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 (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	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	06-19-2015
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.