

Red Green Pearl

MATERIAL SAFETY DATA SHEET

#XL600086

SECTION I - IDENTIFICATION**PRODUCT NAME: RED GREEN 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

Germ cell mutagenicity

Category 1B

Carcinogenicity

Category 1B

Environmental hazards

Hazardous to the aquatic environment, acute hazard

Category 3

Hazardous to the aquatic environment, long-term hazard

Category 3

OSHA defined hazards

Not classified.

Label elements**Signal word**

Danger

Hazard statement

May cause genetic defects. May cause cancer. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If exposed or concerned: Get medical advice/attention.

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

89.47% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 89.47% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

SECTION III**Composition/information on ingredients****Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Iron Oxide		1309-37-1	40 - < 60
Mica Regulatory		12001-26-2	30 - < 50
Naphtha, Petroleum, Heavy Alkylate		64741-65-7	5 - < 15
Zirconium Oxide		1314-23-4	0 - < 5
Other components below reportable levels			3 - < 5

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

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PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****SECTION IV - FIRST AID MEASURES**

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed	Coughing.
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Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
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General information	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). 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.
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SECTION V - FIREFIGHTING MEASURES

Suitable extinguishing media	Powder. Alcohol resistant foam. Water spray. Carbon Dioxide (CO2).
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Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
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Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
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Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
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Fire fighting equipment/instructions	Use water spray to cool unopened containers.
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Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
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General fire hazards	No unusual fire or explosion hazards noted.
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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. 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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PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****Methods and materials for containment and cleaning up**

Stop the flow of material, if this is without risk. Prevent product from entering drains. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION VII - HANDLING AND STORAGE**Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid prolonged exposure. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. 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
Iron Oxide (CAS 1309-37-1)	PEL	10 mg/m ³	Fume.
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)	PEL	400 mg/m ³	
		100 ppm	
Zirconium Oxide (CAS 1314-23-4)	PEL	5 mg/m ³	

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

Components	Type	Value
Mica Regulatory (CAS 12001-26-2)	TWA	20 mppcf

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Iron Oxide (CAS 1309-37-1)	TWA	5 mg/m ³	Respirable fraction.
Mica Regulatory (CAS 12001-26-2)	TWA	3 mg/m ³	Respirable fraction.
Zirconium Oxide (CAS 1314-23-4)	STEL	10 mg/m ³	
	TWA	5 mg/m ³	

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PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION****US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	
Iron Oxide (CAS 1309-37-1)	TWA	5 mg/m ³	Dust and fume.
Mica Regulatory (CAS 12001-26-2)	TWA	3 mg/m ³	Respirable.
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)	TWA	400 mg/m ³	
Zirconium Oxide (CAS 1314-23-4)	STEL	100 ppm 10 mg/m ³	
	TWA	5 mg/m ³	

Biological limit values

No biological exposure limits noted for the ingredient(s).

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.

Individual protection measures, such as personal protective equipment

Eye/face protection If contact is likely, safety glasses with side shields are recommended.

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 protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

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.

PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****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

1049 °F (565 °C) estimated

Initial boiling point and boiling range

95 °F (35 °C) estimated

Flash point

-0.00004 °F (-17.8 °C) estimated

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

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PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES****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	0.00001 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** 550 °F (287.78 °C) estimated**Decomposition temperature** Not available.**Viscosity** Not available.**Other information**

Density	3.70 g/cm3 estimated
Flammability class	Flammable IA estimated
Percent volatile	10 v/v % By Volume 10 w/w % By Weight
Specific gravity	3.7 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** Hazardous polymerization does not occur.**Conditions to avoid** Avoid temperatures exceeding the flash point.
Contact with incompatible materials.**Incompatible materials** Strong oxidizing agents.**Hazardous decomposition products** No hazardous decomposition products are known.**SECTION XI - TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Coughing.

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SECTION XI - TOXICOLOGICAL INFORMATION**Information on toxicological effects****Acute toxicity**

Components	Species	Test Results
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)		
Acute		
Inhalation		
LC50	Rat	61 mg/l, 4 Hours
Oral		
LD50	Rat	> 25 ml/kg

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

Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary 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

May cause genetic defects.

Carcinogenicity

May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Iron Oxide (CAS 1309-37-1)

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

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

Prolonged inhalation may be harmful.

SECTION XII - ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia pulex)
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)
		2.7 - 5.1 mg/l, 48 hours
		8.8 mg/l, 96 hours
		8.8 mg/l, 96 hours

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

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PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****SECTION XII - ECOLOGICAL INFORMATION****Persistence and degradability**

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.

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 - DISPOSAL CONSIDERATIONS**Disposal instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies.

Do not contaminate ponds, waterways or ditches with chemical or used container. 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**

UN1263

UN proper shipping name

Paint related material including paint thinning, drying, removing, or reducing compound

Transport hazard class(es)**Class**

3

Subsidiary risk

-

Label(s)

3

Packing group

II

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Packaging provisions

149, B52, IB2, T4, TP1, TP8, TP28

Packaging exceptions

150

Packaging non bulk

173

Packaging bulk

242

IATA**UN number**

UN1263

UN proper shipping name

Paint related material (including paint thinning or reducing compounds)

Transport hazard class(es)**Class**

3

Subsidiary risk

-

Packing group

II

Environmental hazards

No.

ERG Code

3L

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Other information**Passenger and cargo aircraft**

Allowed.

Cargo aircraft only

Allowed.

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PRODUCT NAME: RED GREEN PEARL

SECTION XIV - TRANSPORT INFORMATION**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 (including paint thinning or reducing compound)
Transport hazard class(es)	3
Class	-
Subsidiary risk	II

Packing group

Environmental hazards

Marine pollutant

No.

EmS

F-E, S-E

Special precautions for user

Transport in bulk according to
Annex II of MARPOL 73/78 and
the IBC Code

Read safety instructions, SDS and emergency procedures before handling.

Not applicable.

DOT



IATA; IMDG

**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)

Not 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 - No
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No

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PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****SECTION XV - REGULATORY INFORMATION****SARA 313 (TRI reporting)**

Not regulated.

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)**

Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)

US. Massachusetts RTK - Substance List

Iron Oxide (CAS 1309-37-1)

Mica Regulatory (CAS 12001-26-2)

Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)

Zirconium Oxide (CAS 1314-23-4)

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

Iron Oxide (CAS 1309-37-1)

Mica Regulatory (CAS 12001-26-2)

Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)

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

Iron Oxide (CAS 1309-37-1)

Mica Regulatory (CAS 12001-26-2)

Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)

US. Rhode Island RTK

Not regulated.

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.

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PART NUMBER - #600086**PRODUCT NAME: RED GREEN PEARL****SECTION XV - REGULATORY INFORMATION****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	09-23-2015
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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