Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Dura Conditioner Powder Pink
Company Identification:
Reliance Dental Mfg., LLC.
5805 W. 117th Place
Alsip, IL 60803

For Product Information, call: 708-597-6694 **For Medical Information, call:** 800-535-5053

Section 2 - Hazards Identification

Classification of the substance or mixture

Hazard Class – Physical, Health, Environmental	**Category**
Eye Damage/Irritation	2B

OSHA Defined Hazards
Combustible dust, may form combustible dust concentrations in air, explosion hazard

Label Elements - *Pictograms, Signal Word, Hazard Statements, Precautionary Statements, & Supplemental Information*

Signal Word
Warning

Signal Word Warning

Hazards Statements	**Precautionary Statements-Prevention, Response & Disposal**
H320 Causes eye irritation	P240 Ground and bond container and receiving equipment P264 Wash hands and exposed skin thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection 305+P351 IF IN EYES: Rinse continuously with water for several +P338 minutes. Remove contact lenses if present and easy to do continue rinsing P337+P313 Get medical advice/attention
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Section 3 - Composition, Information on Ingredients

Chemical Name	**CAS #**	**Weight - %**	**GHS Ratings**
2-Propenoic acid, 2-methyl-Ethyl ester, homopolymer	9003-42-3	90 - 100	Eye Damage/irritation 2B(H320)
Titantium Dioxide (CI 77891)	13463-67-7	0 – 1	

Section 4 - First Aid Measures

General advice Provide the SDS to medical personnel for treatment.

Inhalation: Remove victim to fresh air. Seek immediate medical attention.

Eye Contact: If product gets in the eyes, flush with lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

Skin Contact: Rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

Clothing: Remove contaminated clothing, wash thoroughly before reuse.

Ingestion: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media: Water, Chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: Water may not be effective in extinguishing this fire.

Specific Hazards Arising from the Chemical: Polymers are combustible dusts, care should be taken to avoid creating explosive concentrations in the air. Follow grounding and bonding procedures.

Special Fire Fighting Procedures: Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Firefighters should wear self-contained breathing apparatus.

Protective Equipment and Precautions for Firefighters: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Polymers are sensitive to static discharge, follow grounding and bounding procedures. Polymers are not sensitive to mechanical impacts.

Section 6 - Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Before cleaning any spill or leak, individuals must wear appropriate Personal Protective Equipment that is specified in section 8. Keep airborne particulates at a minimum when cleaning up spills. Deny entry to all unprotected individuals. Remove any contaminated clothing and wash thoroughly before reuse.

Evironmental Precautions Extinguish all ignition sources. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800)424-8802.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material (e.g. sand or earth). May contaminate water supply.

Methods for Cleaning Up Maximize ventilation (open doors and windows) and secure all sources of ignition. Use good, local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of product release. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Not a RCRA Hazardous waste.

Section 7 - Handling and Storage

PRECAUTIONS FOR HANDLING

Advice on Safe handling: Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping. Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

Conditions for Sate Storage, Including any Incompatibilities

Storage conditions: Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. The temperature should remain at or under 72°F (22°C) at all times. Storing above recommended temperature will cause product performance issues. Store in accordance with National Fire Protection Association recommendations. Observe all label precautions until the container is cleaned, reconditioned or destroyed.

Incompatible Materials: Strong oxidizers, strong oxidizing agents

Section 8 - Exposure Controls, Personal Protection

Chemical Name/CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
2-Propenoic acid, 2-methyl-Ethyl ester, homopolymer 9003-42-3			
Titanium Dioxide (CI 77891) 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	

Engineering Controls

Use local explosion-proof ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personnel Protective Equipment (PPE)

Respiratory Protection

A respirator should be worn whenever workplace conditions warrant use of a respirator. If dust conditions are present, a N95 respirator dust mask is required. None required if airborne concentrations are maintained below any exposure limit that may be listed above. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

Eye/Face Protection

Wear safety glasses, chemical goggles when splashing is possible, when dealing with this materials. If necessary, refer to 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and Body Protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full Contact:
Material: Nitrile rubber
Minimum Layer thickness: 0.4 mm
Break through time: 480 min.

Splash Contact:
Material: Nitrile rubber
Minimum Layer thickness: 0.11 mm
Break through time: 120 min.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. An eyewash station and a safety shower are recommended. Food, beverages, and tobacco products should not be carried, stored or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

Section 9 - Physical and Chemical Properties

APPEARANCE:	Fine pink powder.
ODOR:	Faint odor in bulk.
FLASH POINT:	577°F, 303°C
FLAMMABLE LIMIT (AIR VOLUME %)	0%
AUTOIGNITION TEMPERATURE:	N/A
EVAPORATION RATE	No data available.
BOILING RANGE (LOW-HIGH)	N/A
SPECIFIC GRAVITY:	0.00

Section 10 - Stability and Reactivity

MATERIAL STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon when burned.
POSSIBILITY OF HAZARDOUS REACTI0NS: Hazardous polymerization will not occur.

Section 11 - Toxicological Information

MIXTURE TOXICITY

Component Toxicity

Routes of Exposure: Inhalation, Eye Contact and Ingestion

Target Organs: Eyes, Lungs, Respiratory System

Effects of Overexposure:

Inhalation: Overexposure by inhalation of titanium dioxide may include mild and temporary upper respiratory irritation with cough and shortness of breath.
Skin Contact: No data found.
Eye Contact: No data found.
Ingestion: No data found.

Product Components Listed as Carcinogenic

CAS Number	Description	%Weight	Carcinogen Rating
13463-67-7	Titanium Dioxide (CI 77891)	0.1 to 1.0%	Titanium Dioxide (CI 77891: NIOSH: Potential occupational carcinogen IARC: Possible human carcinogen OSHA: Listed

Section 12 - Ecological Information

Component Ecotoxicity

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Disposal of Wastes: Dispose of properly in accordance with Federal, State, and Local regulations. It is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. Comply with all applicable federal, state and local regulations. Waste disposal options include landfilling solids at permitted sites. Incinerate in a chemical incinerator equipped with an afterburner and scrubber. Use registered transporters.

Contaminated Packaging: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual flammable material, associated with empty containers. Dispose of all empty containers properly, in accordance with Federal, State and Local regulations.

Section 14 - Transport Information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not Regulated, Polymer, NOS			
IATA	Not Regulated, Polymer, NOS			
IMDG	Not Regulated, Polymer, NOS			

Section 15 - Regulatory Information

State of California Safe drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
13463-67-7 Titanium Dioxide (CI 77891) 0.1 to 1.0% Carcinogen

SARA 313 None

US State Right-to-know Regulations
-None

Country	Regulations	All Components Listed
	EINECS	Yes
	SARA Hazard categories	No
	TSCA Inventory	Yes

Section 16 - Additional Information

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTIVE EQUIPMENT:	B

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0

HMIS & NFPA Hazard Rating
*= Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH
B = Gloves and Safety Glasses or Chemical Goggles.

The information provided in this 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, process, storage, transportation, disposal and release and is not considered a warranty or quality specification. This information relates only to the specific material designated and may not be valid for such materials used in combination with any other materials on in any process, unless specified in the text.

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