



# MATERIAL SAFETY DATA SHEET

## DURAMAX RIGID PVC COMPOUND

### 1. PRODUCT AND COMPANY IDENTIFICATION

Trade name: Duramax Rigid Polyvinyl Chloride Compound

Chemical name: Mixture

Chemical family: Mixture of polyvinyl chloride homopolymer Chemical

formula: Mixture

### 2. COMPOSITION ON INGREDIENTS

Component	CAS number	Max %	OSHA PEL-TWA mg/m <sup>3</sup>
Polyvinyl chloride	9002-86-2	82	5 (respirable fraction) 15 (total dust)
Titanium dioxide	13463-67-7	8	15 (total dust)
Proprietary ingredient	NA	10	5 (respirable fraction) 15 (total dust)

### 3. HAZARDS IDENTIFICATION

This product is non-hazardous under Hazard Communication Standard 29 CFR 1910.1200

HAZARD RATINGS Degree of hazard ( 0 = low, 4 = extreme)

National Fire Protection Association Health: 1, Flammability: 1, Reactivity: 0, Specific hazards: none

Hazardous Materials Health: 1, Flammability: 1, Reactivity: 0

Identification System

#### 4. FIRST AID

- Eye Contact:** Immediately flush the eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelid. Consult a physician immediately.
- Skin Contact:** Wash skin with plenty of water. Obtain medical attention in case of skin irritation
- Inhalation:** If dust is inhaled, immediately move to fresh air. Rinse nose and mouth with water. Get medical attention
- Swallowing:** If compound is swallowed. Wash mouth thoroughly. Drink plenty of water. Do not induce vomiting. Consult a physician

#### 5. FIRE FIGHTING MEASSURES

Flash point: Not applicable

Autoignition temperature: 850 F (470 C)

**EXTINGUISHING MEDIA** Use foam or dry chemical fire extinguisher

**SPECIAL FIRE FIGHTING PROCEDURES** Use NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing if involved in fire

**UNUSUAL FIRE AND EXPLOSION HAZARDS** PVC homopolymer is self extinguishing. The presence of other ingredients may support combustion. In presence of combustion the material will generate hydrogen chloride, carbon dioxide, carbon monoxide, benzene, aromatic and aliphatic

hydrocarbons and other gases

6. STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED Clean the area preferably by vacuuming it

7. HANDING / STORAGE

Store material in a dry place. Keep the dust to a minimum.  
General storage procedures are acceptable

8. PERSONAL PROTECTION

EYE PROTECTION: Safety glasses are required if there is a possibility of getting dust particles in the eye. Have eye wash equipment nearby.

SKIN PROTECTION: None required

VENTILATION: Local ventilation is recommended in order to control airborne dust

RESPIRATORY PROTECTION

If dust and fumes exist, use NIOSH/MSHA approved respirator. At unknown concentrations and in presence of fire, use self contained breathing apparatus.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form:	powder mixture
Boiling point:	NA
Vapor density:	NA
Bulk density:	.4 g/cm <sup>3</sup>
Solubility in water:	non soluble
Odor:	resin odor
pH:	NA
Color:	various

## 10-. STABILITY/REACTIVITY

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Avoid strong oxidizer and reducers

POLYMERIZATION: Polymerization is not expected. The material is stable.

## 10. TOXICOLOGICAL INFORMATION

No toxicological data were found for this product. The effects reported are those anticipated based on the components of this mixture

### POTENTIAL ROUTES OF EXPOSURE

Inhalation of dust is the most likely route of exposure to this material

### SIGNS, SYMPTOMS OF OVER EXPOSURE

Exposure to high concentrations of dust of this material will cause irritation of the respiratory tract with cough, difficulty of breathing, dryness of the throat, or eye irritation

### ANIMAL TOXICITY DATA

Component	Inhalation LC 50 mg/kg	Dermal LD 50 mg/kg	Oral LD50 mg/kg
PVC	No data found	No data found	No data found
TiO <sub>2</sub>	No data found	No data found	No data found
CaCO <sub>3</sub>	No data found	No data found	No data found

REPRODUCTIVE EFFECTS: No data were found regarding reproductive effects in humans or animals of this material

MUTAGENICITY DATA: No mutagenicity data were found for this material

DESIGNATION AS

POTENTIAL CARCINOGEN: IARC designates PVC and titanium dioxide as Group 3, “not classifiable as to its carcinogenicity in humans”

MEDICAL CONDITIONS

BY EXPOSURE: No data were found regarding this issue

12. ECOLOGICAL INFORMATION No data were found regarding this issue

13. DISPOSAL CONSIDERATIONS: Disposal should be done in accordance with federal, state and local regulations. Before attempting clean up, refer to hazard information in other parts of this document.

14. TRANSPORTATION INFORMATION

Not regulated

15. REGULATORY INFORMATION

SARA 312 HAZARD CLASS: Not applicable

SARA EXTREMELY  
HAZARDOUS SUBSTANCES: Not applicable

EPA HAZARDOUS LIST : Non hazardous

16. OTHER INFORMATION

REVISIONS: Reviewed September 2015

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