



DUR-A-FLEX
INNOVATION FROM THE FLOOR UP

95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

Material Safety Data Sheet

Date Prepared 8/2/2010

SECTION I - IDENTIFICATION		HAZARD RATING 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme	Health	1
IDENTITY (As Used on Label)	Dur-A-Chips/ Cryl-A-Chips		Flammability	0
COMMON NAME	Pigmented Vinyl Flakes		Reactivity	0
			Personal Protection	A

SECTION II - PRODUCT COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Ethylene Glycol	107-21-1	NE ¹	50ppm

¹None Established

T.S.C.A. Status - O.K. on all components

FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H2O = 1)	2.5
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	N/A
Volatile Organic Compounds (VOC) = Zero grams/liter			
Solubility in Water	Insoluble		
Appearance and Odor	Various colored flakes.		

SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	N/A	Flammable Limits	LEL	UEL
			N/A	N/A
Extinguishing Media	Water or carbon dioxide			
Special Firefighting Procedures	Use respiratory masks to remove smoke and organic vapors.			
Unusual Fire and Explosion Hazards	When polymer burns, water, carbon dioxide, carbon monoxide and smoke are produced.			

SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	Sulfuric acid and alkali materials .
Incompatibility (Materials to Avoid)	None known		
Hazardous Decomposition or Byproducts	Upon burning - acetic acid, acetaldehyde, carbon dioxide.		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None known

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	No	Possible

Signs and Symptoms of Exposure Bronchial irritation.

Health Hazards (Acute and Chronic)

No toxic effects have been noted from inhalation or ingestion in animals with exposure. Human health effects of overexposure may include a respiratory irritation with cough and shortness of breath. Individuals with pre-existing lung diseases may react more to over-exposure.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Medical Conditions Generally Aggravated by Exposure

May aggravate pre-existing respiratory conditions.

Emergency and First Aid Procedures

Wash dust from the skin with soap and water. Flush out eyes with generous amounts of water for at least 15 minutes. See a physician if necessary.

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

Provide adequate exhaust ventilation; use a NIOSH approved respirator if PELs/TLVs are exceeded.

Ventilation	Local Exhaust	Use when needed.	Special	None
	Mechanical	Not usually required.		

Protective Gloves	Not usually required.	Eye Protection	Safety glasses.
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Other Protective Clothing or Equipment

Use a dust mask in a dusty environment.

Work/Hygienic Practices Nothing unusual. Avoid dust.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Not a RCRA listed hazardous waste. Sweep up and/or shovel or use a vacuum to clean up spillage.

Deposit into covered container for disposal.

Waste Disposal Method

Dispose of according to Federal, State, or local regulations. If approved, remove to land disposal area.

Precautions to be Taken in Handling and Storing

In case of skin contact, the compound is not likely to be hazardous but cleaning the skin after use is advisable.

Other Precautions None known

Prepared by Samet Dy - Urethane Chemist

PLEASE NOTE "The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use."