Date Prepared: 04/17/09
Supersedes: New
Product Name: DuraFlow 350 Part A

ChemMasters
Material Safety Data Sheet

1. Chemical Product and Company Information

Product Name: DuraFlow 350 Part A

ChemMasters
300 Edwards Street
Madison, Ohio 44057
440-428-2105

In Case of Emergency Contact:
CHEMTREC 800/424-9300

2. Hazards Identification

CAUTION
May Cause Eye, Skin and Respiratory Tract Irritation

WHMIS Classification: Class D, Division 2B (Toxic)
Symbol: Stylized T

Potential Health Hazards - Acute
Eye: May cause irritation with symptoms of reddening, tearing and stinging.
Skin: May cause irritation with symptoms of reddening and itching.
Inhalation: May cause respiratory tract irritation with symptoms of coughing, sore throat and runny nose.
Ingestion: Not expected to be harmful if swallowed.

Potential Health Effects - Chronic:
None Known

Carcinogenicity:	NTP	IARC Monographs	OSHA Regulated
	NO	NO	NO

3. Composition / Information on Ingredients

Hazardous Components	CAS #	Exposure Limits			% by Wt
		OSHA (PEL/TWA)	ACGIH (TLV/TWA)	OTHER	
Water	7732-18-5	NE	NE	—	
C12-C14 Alkyl glycidyl ethers	68609-97-2	NA	NA	__	7-13
Sorbitan Monolaurate	1338-39-2	NA	NA	__	

4. First Aid Measures

Eye: Immediately flush with plenty of water for 15 minutes.
Skin: Wash with soap and water.
Inhalation: Move victim to fresh air
Ingestion: If swallowed, give victim plenty of water. Consult a physician.

SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

5. Fire Fighting Measures

Flash Point (method used)**:** Not Applicable, waterbased material. Solids howerver will support combustion when all water has evaporated.
Flammable Limits (% volume in air)**:** Lower = No data available Upper =No data available
Auto Ignition Temperature: No data available
Extinguishing Media: Media appropriate for surrounding fire.
Hazard Combustion Products: Thermal decomposition may yield acrylic monomers, carbon monoxide and carbon dioxide.
Fire Fighting Instructions: Wear positive pressure, self-contained breathing apparatus.

6. Accidental Release Measures

Spill: Contain spilled material by diking. Absorb with inert material, then place in chemical waste container for later disposal. Keep spills out of municipal sewers and open bodies of water.

7. Handling and Storage

Handling: Always use good industrial hygiene practices and safety guidelines.
Storage: Store material in its original container. Keep containers tightly closed when not in use. Protect from freezing.

8. Exposure Controls / Personal Protection

Exposure Controls: Mechanical exhaust is recommended for indoor use.
Personal Protection: Safety glasses and rubber gloves should be worn to minimize contact with this material. Use of a NIOSH approved vapor respirator is recommended when chance of mist exists. A source of clean water should be available in work area for flushing eyes and skin.

9. Physical and Chemical Properties

Appearance: Milky white liquid of water consistency
Odor: Mild odor
Boiling Point: 212^{o}F Similar to water
Melting Point: Not applicable
Vapor Pressure (mm/Hg)**:** No Data Available
Vapor Density (Air = 1)**:** <1.0
Solubility in Water: 100%
Specific Gravity (H20 = 1)**:** 1.0
Evaporation Rate (n-Butyl Acetate = 1)**:** <1.0

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions
Conditions to Avoid: Freezing and high temperatures
Incompatibility (materials to avoid)**:** None
Hazardous Decomposition or By-products: May yield carbon monoxide and carbon dioxide
Hazardous Polymerization: Will not occur

11. Toxicological Information

Acute Oral Toxicity LD 5017,100 mg/kg (Rat)

12. Ecological Information

Biodegradation >86 %

13. Disposal Considerations

Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for disposal.
This material does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however has not been evaluated by the Toxicity Characteristic Leaching procedure (TCLP).

14. Transportation Information

For U S National Shipments:
Shipping Description: Non-Regulated Material
Emergency Response Guide Number: Not applicable
Hazard Class: Not applicable

15. Regulatory Information

OSHA: This material is hazardous under the OSHA Hazard Communication Standard.
CERCLA Reportable Quantity: Not Applicable
SARA Title III:
Section 311/312 hazard categories: Acute health, delayed health
Section 313 reportable ingredients:

Components	CAS #	Maximum %
None		

16. Other Information

MSDS Status: New 4/17/09

Industrial Abbreviation Legend on page 4 of this MSDS.

Industrial Abbreviation Legend

ACGIH	American Conference of Governmental Industrial Hygienists	mg/m^3	milligrams per cubic meter
CAA	Clean Air Act (EPA)	NIOSH	National Institute for Occupational Safety and Health
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act of 1980 (Superfund) (EPA)	NTP	National Toxicology Program
CNS	Central Nervous System	OSHA	Occupational Safety and Health Administration
CWA	Clean Water Act (EPA)	PEL	Permissible Exposure Limit
DOT	Department of Transportation	ppm	parts per million
EPA	Environmental Protection Agency	RCRA	Resource Conservation and Recovery Act (EPA)
g/kg	grams per kilogram	SARA	EPA's Superfund Amendment and Reauthorization Act (EPA)
IARC	Internal Agency for Research on Cancer	STEL	Short-Term Exposure Limit, ACGIH terminology
LC50	Lethal Concentration in which 50% of the test animals are expected to die	TLV	Threshold Limit Value
LD50	Lethal Dose in which 50% of the test animals are expected to die	TWA	Time-Weighted Average

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