Canada Colors and Chemicals Limited

152 Kennedy Road South
Brampton, Ontario
Canada
L6W 3G4

General Inquiry Number: (905) 459-1232

Material Safety Data Sheet Attached

Material Safety Data Sheet

This product is distributed by
Canada Colors and Chemicals Limited
General Inquiry: (905) 459-1232
24 Hour Emergency: (416) 444-2112
CCC: Product Code: 113154
CCC: Product Name: ACRYSOL DR-72

1. PRODUCT AND COMPANY IDENTIFICATION

ACRYSOL™ DR-72 Thickener

Product Use Description Coating additives, Rheology Modifiers.

Revision date: 11/19/2007

Supplier
ROHM AND HAAS CANADA LP
A Subsidiary of The Dow Chemical Company
2 MANSE ROAD
WEST HILL, ON M1E 3T9 Canada

Manufacturer
Rohm and Haas Company
100 Independence Mall West
Philadelphia, PA 19106-2399 United States of America

Prepared by: EHS - Product Services (416-287-4475) **Preparation date:** 11/19/2007
For non-emergency information contact: 416-284-4711

Emergency telephone number
989-636-4400

Local Emergency telephone number
989-636-4400

2. HAZARDS IDENTIFICATION

Emergency Overview
Appearance

Form	liquid
Colour	white milky
Odour	Acrylic odor

Hazard Summary	**CAUTION!** INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE/SKIN IRRITATION.

Potential Health Effects

Primary Routes of Entry: Inhalation
Eye contact
Skin contact

Eyes: Direct contact with material can cause the following:
slight irritation
Skin: Prolonged or repeated skin contact can cause the following:
slight irritation
Inhalation: Inhalation of vapor or mist can cause the following:
irritation of nose, throat, and lungs
headache
nausea

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight %
Acrylic polymer(s)	Not Hazardous	29.0 - 31.0 %
Residual monomers	Not Required	< 500.0 PPM
Water	7732-18-5	69.0 - 71.0 %

4. FIRST AID MEASURES

Inhalation: Move to fresh air.
Skin contact: Wash with water and soap as a precaution. If skin irritation persists, call a physician.
Eye contact: Rinse with plenty of water. If eye irritation persists, consult a specialist.
Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flash point Noncombustible
Lower explosion limit Not Applicable
Upper explosion limit Not Applicable
Thermal decomposition Thermal decomposition may yield acrylic monomers.

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Specific hazards during fire fighting: Material can splatter above 100C/212F. Dried product can burn.
Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

Environmental precautions

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods for cleaning up

Contain spills immediately with inert materials (e.g., sand, earth).
Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.
Further information on storage conditions: Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

Storage

Storage temperature: 1 - 49 °C (34 - 120 °F)
Other data: Monomer vapors can be evolved when material is heated during processing operations. See SECTION 8, for types of ventilation required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)

Exposure limits are listed below, if they exist.
Eye protection: Safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.
Hand protection: The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves
Respiratory protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. None required under normal operating conditions. Where vapors and/or mists may occur, wear a properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator. Air-purifying respirators should be equipped with NIOSH approved (or equivalent) organic vapor cartridges and N95 filters. If oil mist is present, use R95 or P95 filters.
Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.
Engineering measures: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	liquid
Colour	white milky
Odour	Acrylic odor
pH	3.5 - 4.6
Boiling point/boilingrange	100 °C (212.00 °F) Water
Flash point	Noncombustible
Lower explosion limit	Not Applicable
Upper explosion limit	Not Applicable
Vapour pressure	17.0 mmHg at 20 °C (68.00 °F) Water
Relative vapour density	<1.0Water

Water solubility	Dilutable
Relative density	1.00 - 1.20
Viscosity, dynamic	1 - 20 mPa.s
Evaporation rate	<1.00 Water
Percent volatility	69 - 71 %

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Hazardous reactions None known.
Stable

Materials to avoid There are no known materials which are incompatible with this product.

polymerization Product will not undergo polymerization.

11. TOXICOLOGICAL INFORMATION

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

Acute oral toxicity LD50 rat > 5,000 mg/kg

Acute dermal toxicity LD50 rabbit > 5,000 mg/kg

Skin irritation rabbit May cause transient irritation.

Eye irritation rabbit No eye irritation

12. ECOLOGICAL INFORMATION

There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal

Waste Classification: When a decision is made to discard this material as supplied, it 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).

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT/TDG

Not regulated for transport

IMO/IMDG

Not regulated (Not dangerous for transport)

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations

15. REGULATORY INFORMATION

Workplace Classification
This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).
This product is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

WHMIS Classification
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Canada. Environmental Protection Act (DSL) All components of this product are in compliance with the inventory listing requirements of the New Substances Notification Regulations.

US. Toxic Substances Control Act (TSCA) All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16. OTHER INFORMATION

Hazard Rating

	Health	Fire	Reactivity
HMIS	1	0	0

Legend

ACGIH	American Conference of Governmental Industrial Hygienists
BAc	Butyl acetate
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit (STEL):
TLV	Threshold Limit Value
TWA	Time Weighted Average (TWA):
|	Bar denotes a revision from prior MSDS.

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

Version: 1.2
Print Date: 11/21/2012
Layout 000101081576