

Material Safety Data Sheet

NeoCryl A-6119

Version 1.1

Print Date 03-17-2010

Issue Date 03-17-2010

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material Name : NeoCryl A-6119

Product Use : Acrylic latex for industrial coatings.

Company : DSM NeoResins
730 Main Street
Wilmington, MA 01887

Telephone : (978) 658-6600

Fax :

Emergency telephone : 800-424-9300 Medical Emergency

For Chemical Emergency Spill Leak Fire Exposure or Accident Call
CHEMTREC Day or Night DOMESTIC NORTH AMERICA 800-424-
9300 INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS*

<u>CAS No. / NJRTK No.*</u>	<u>Wt %</u>	<u>Components</u>
7732-18-5	54.90	Water
8948P	44.10	Styrene Acrylic Copolymer
7664-41-7	0.10	Ammonia.

*Ingredients not precisely identified are either proprietary or non-hazardous; the NJRTK number for the proprietary component(s) is 043574982 followed by the 4/5 digitcode above.

SECTION 3. HAZARDS IDENTIFICATION**

**As defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. See Section 8 for exposure guidelines & Section 11 for toxicology and ingredient specific information.

Emergency Overview

**WHITE LIQUID; MILD, AMMONIA-LIKE ODOR;
SKIN IRRITANT. EYE IRRITANT. RESPIRATORY IRRITANT.**

Potential Health Hazards

Primary Routes of Entry Inhalation of vapor, aerosol, or spray mist.

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Skin or Eye contact with product, vapor, or spray mist.
Accidental ingestion of product.

Eyes	This product contains a component which is an eye irritant. based on similar materials.
Skin	This product contains a component which may be irritating to skin. based on similar materials.
Inhalation	Vapors and/or aerosols of this material will probably irritate mucous membranes, eyes, nose, and respiratory passages.

SECTION 4. FIRST AID MEASURES

Inhalation

Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

Skin contact

Wash off of skin with plenty of soap and water. If redness, itching or burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

Eye contact

Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

Ingestion

DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE FIGHTING MEASURES

Flammable Properties

Flash point: >93.33 °C (199.99 °F) Pensky-Martens Closed Tester.

Extinguishing agents

Use water fog, foam, carbon dioxide, dry chemical, halogenated agents.

Specific hazards during fire fighting

The material will not support combustion unless the water has evaporated. Combustion products: Carbon oxides, nitrogen oxides.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus with full facepiece and full protective clothing. If contact occurs with material or its solutions, immediately flush with water and remove contaminated clothing.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear skin, eye, and respiratory protection during cleanup.

Methods for cleaning up

Contain spill. Soak up material with absorbent and shovel into a chemical waste container.

SECTION 7. HANDLING AND STORAGE

Handling

This material contains trace amounts (less than or equal to 0.2%) of residual monomers.

The liberation of ammonia may be retarded because of chemical neutralization in the product. Although the concentration in this product is low, the high vapor pressure of ammonia may make it possible to exceed the TLV or PEL in drum head space or other confined areas. Avoid opening drums in unventilated areas to avoid concentrated ammonia vapors.

This product, which is an aqueous dispersion of a polymer, may be difficult to remove without injuring the skin if allowed to dry.

Avoid breathing vapors or aerosols.

Prevent skin and eye contact.

Normal chemical handling and storage.

Requirements for storage areas and containers

Keep container tightly sealed. Store in a cool, well ventilated area away from heat, sources of ignition, direct sunlight, and incompatible materials. Keep from freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

No ACGIH TLV or OSHA PEL is assigned to this mixture. Control of exposure to below the PEL for the ingredients may not be sufficient. Minimize exposure in accordance with good hygiene practice.

Use ventilation adequate to maintain safe levels. Open containers in well ventilated areas to avoid inhalation of accumulated residual monomers or other volatile components which may be present at trace levels.

Eye protection

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Wear chemical tight goggles; full faceshield in addition if splashing is possible.

Skin and body protection

Wear impervious gloves and apron.

DSM NeoResins employees use neoprene or nitrile gloves during manufacture and packaging of this product.

Respiratory protection

If needed, use NIOSH certified respirator for organic vapors, mists and fumes.

Hygienic measures

Eyewash station and safety shower in work area.

Occupational

Components with workplace control parameters

<u>Components</u>	<u>Source</u>	<u>Type</u>	<u>Value</u>	<u>Remarks</u>
Ammonia.				
	ACGIH	Time Weighted Average (TWA):	25 ppm 17 mg/m3	
	ACGIH	Short Term Exposure Limit (STEL):	35 ppm 24 mg/m3	
	NIOSH	Recommended exposure limit (REL):	25 ppm 18 mg/m3	
	NIOSH	Short Term Exposure Limit (STEL):	35 ppm 27 mg/m3	
	OSHA Z1	PEL:	50 ppm 35 mg/m3	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Color : White
Odor : Mild, ammonia-like
pH : 8.4 (Range)
Boiling point : 100.00 °C (212.00 °F)
Vapor pressure :

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Density : 1.05 g/cm³
Water solubility : (Dispersible)
Relative vapor density : <1.0

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : None known.
Materials to avoid : Strong oxidizing agents.
Hazardous decomposition products : Carbon oxides.
Nitrogen oxides.
Thermal decomposition : The material will not support combustion unless the water has evaporated
Hazardous reactions : Hazardous polymerization is not known to occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity : This product contains no components present at concentrations equal to or greater than 0.1% listed by IARC, OSHA, NTP or ACGIH as a carcinogen.

Carcinogenicity:

<u>Regulatory List</u>	<u>Chemical</u>	<u>Category / Classification</u>
NTP	N.D.	
IARC	N.D.	
OSHA	N.D.	

SECTION 12. ECOLOGICAL INFORMATION

Additional ecotoxicological remarks : No data.

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Other : No data.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal method : Discarded product is not a hazardous waste under RCRA, but may be regulated by other jurisdictions. In Canada, observe all applicable Canadian regulations.

Container disposal : Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

SECTION 14. TRANSPORT INFORMATION

Proper shipping name : Not Regulated by US DOT

SECTION 15. REGULATORY INFORMATION

TSCA (TSCA Substances Control Act) : All components of this material are included or are exempt from listing on the TSCA Inventory of Chemical Substances. This product contains a polymer for which qualification under the 1995 TSCA polymer exemption has been documented (40 CFR 723.250).

CEPA (Canadian Environmental Protection Act) : CEPA (Canadian Environmental Protection Act): All ingredients NOT confirmed on the DSL (Domestic Substances list).

SARA Title III (Emergency Planning and Community Right-To-Know Act) : This product does not contain any chemicals at concentrations subject to the reporting requirements of SARA Section 313.

California Proposition 65 : WARNING. This product contains a chemical known to the State of California to cause cancer.

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SECTION 16. OTHER INFORMATION

Further information:

We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.*

NFPA Rating

Health : 1
Fire : 1
Reactivity : 0
Special :

HMIS Rating

Health : 1
Fire : 1
Reactivity : 0
*** : Chronic Effect

*This information is intended solely for the use of individuals trained in the particular hazard rating system.
**See appropriate MSDS section.

The information herein is given in good faith but no warranty, expressed or implied, is made.

This MSDS was prepared by the Regulatory Affairs Group of DSM NeoResins Inc. in Wilmington, MA. For further questions, call during regular business hours (978) 658-6600.