



Material Safety Data Sheet

Acrylates/C10-30 Alkyl Acrylate Crosspolymer

1. Product Identification

Product Name: Acrylates/C10-30 Alkyl Acrylate Crosspolymer
INCI Name: Acrylates/C10-30 Alkyl Acrylate Crosspolymer
Chem. N.: No data
CAS Number: No data
EINECS Number: No data

2. Physical and Chemical Properties

Melting Point: Not applicable
Boiling Point: Not applicable
Refractive Index: No data
Evaporation Rate: Not volatile
Specific Gravity: 1.40
Solubility in Water: No data
pH Value: 2.5-3.0 @ 1% in H₂O
Appearance & Odor: Fluffy powder, white, slight acetic odor

3. Stability and Reactivity

Chemical Stability: Stable
Incompatibility: Ammonia, sodium hydroxide, potassium hydroxide or strongly basic amines can generate heat
Hazardous Decomposition: Carbon monoxide, carbon dioxide, hydrocarbons, and irritating vapors.
Hazardous Polymerization: Will not occur

4. Handling and Storage

Although the risk of a dust explosion is low, as a precaution, implement the following safety measures:

Bond, ground and properly vent conveyors, dust control devices and other transfer equipment.

Eliminate ignition sources (e.g., sparks, static buildup, excessive heat, etc.).

Prohibit flow of polymer, powder or dust through non-conductive ducts, vacuum hoses or pipes, etc.; only use grounded, electrically conductive transfer lines when pneumatically conveying product. Prevent accumulation of dust (e.g., well-ventilated conditions, promptly vacuuming spills, cleaning overhead horizontal surfaces, etc.). Use under well-ventilated conditions.

Do not get in eyes. Do not ingest, taste, or swallow. Avoid repeated or prolonged skin contact. Avoid routine inhalation of dust of any kind. Exercise care when emptying containers, sweeping, mixing or doing other tasks which can create dust. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Keep container closed when not in use. Store in dry area.

5. Accidental Release Measures

Using care to avoid dust generation, vacuum or sweep into a closed container for reuse or disposal. Do not sweep or flush spilled product into public sewer, streams or other water systems. If inhalation of dust cannot be avoided, wear a particulate respirator approved by NIOSH/MSHA.

Caution: Contact with water creates a very slippery film. If this occurs, the film can be broken down for cleanup with detergent solution.

6. Exposure Controls & Personal Protection

Respiratory Protection: if respirable dust exposures exceed 0.05 mg/m³ (8-hour TWA), wear a NIOSH-approved respirator equipped with high efficiency particulate (HEPA) filters.

Protective Clothing: Eye protection (e.g., goggles) suitable for keeping dust out of the eyes. Wear protective gloves.

Other Protective Measures: No data

7. Hazards Identification

General: Powder/dust eye irritation is a physical, not a chemical effect. Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation. Dust inhalation may cause coughing, mucous production and shortness of breath.

Inhalation: Pre-existing respiratory disease(s) may be aggravated by prolonged or repeated inhalation of airborne dust.

Eye Contact: Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation.

Skin Contact: Pre-existing skin problems may be aggravated by prolonged or repeated contact.

Ingestion: No data

8. First Aid Measures

Eyes: Water (moisture) swells this product into a gelatinous film and, when in contact with the eye, may be difficult to remove using only water. Immediately flush eyes with plenty of one (1%) physiological saline for five minutes while holding eyelids open; see a physician. If no saline is easily available, flush eyes with plenty of clean water for 15 minutes; see a physician.

Skin: Wash the affected area thoroughly with plenty of water and soap.

Inhalation: If any processing vapors, decomposition products or particulates are inhaled, remove individual(s) to fresh air. Provide protection before allowing reentry.

Ingestion: No ingestion effects known. Treat symptomatically.

9. Fire Fighting Measures

Flash Point: No data

Auto-ignition Temp: 968F (520 C)

Extinguishing Media: Use water spray, dry chemical, or foam.

Carbon dioxide may be ineffective on larger fires due to a lack of cooling capacity which may result in re-ignition.

Fire Fighting Procedures: Avoid hose streams or any method which will create dust clouds. Wear self-contained breathing apparatus (SCBA) equipped with a full face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.

10. Toxicological Information

Acute Oral LD50: No data

Dermal and Eye Irritation Test: Negligible

Carcinogenicity: No data

Mutagenicity: No data

11. Disposal Considerations

Important Notice: The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct; however, no warrant or representation, express or implied, is made as to the accuracy or suitability of this information for application to the purchaser's intended purpose or for consequences of its use and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of its use. Use these materials only as directed. If you have any questions regarding the proper interpretation of this sheet or the meanings of any terms used, we strongly urge you to speak with your physician. For further information concerning product safety and proper use, call the number listed on the front of the MSDS.

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For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations. In appropriate dust/air ratio, dust cloud in air has explosion potential. Therefore, land disposal must be in closed containers. If disposal is in bulk form, recognize that this polymer absorbs moisture resulting in a gelatinous mass that is unable to support human weight.

Important Notice: The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct; however, no warrant or representation, express or implied, is made as to the accuracy or suitability of this information for application to the purchaser's intended purpose or for consequences of its use and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of its use. Use these materials only as directed. If you have any questions regarding the proper interpretation of this sheet or the meanings of any terms used, we strongly urge you to speak with your physician. For further information concerning product safety and proper use, call the number listed on the front of the MSDS.