



GENERIC POLYACRYLATE MATERIAL SAFETY DATA SHEET

This MSDS conforms with General Administrative Regulations dated 6 Sept. 1996. (ISO-11014/ANSIZ400.1.1996)

NAME: POLYACRYLATE POLYMER REF. CODE: POLYACRYLATE POLYMER REVISION DATE: 22/04/2014
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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

NAME: POLYACRYLATE CODE: POLYACRYLATE POLYMER ACRYLIC ACID BASED
C.A.S. No.: E.C. No.: E.C. LABEL: ECOCHEM REF.: 24.41.01
UN/SIN No.: N/A EAC: HAZCHEM: N/A
HAZARD RATING: SAPMA: 2-H-F
Substance is acidic in nature.

Information extracted from the ECOCHEM database on 01/10/97 and issued by ANASHREE

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

EC CLASSIFICATION: XI R36/38 S1/2,24/25
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS
ACRYLIC ACID MONOMER <25% EEC Labels: C R10,34 OEL 30 mg RL S

SECTION 3. HAZARDS IDENTIFICATION

SAPMA HEALTH RATING: 2-MODERATE - Temporary or minor injury possible even if treatment is given.
INHALATION: Possible traces of free monomers. Can be irritating.
SKIN: Irritating, risk of dermatitis.
EYES: Irritating - may cause damage if not given prompt attention.
INGESTION: Irritating.
NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED
May have short term environmental effects. Contain, monitor & remove.

SECTION 4. FIRST AID MEASURES

INHALATION: Move to fresh air.
SKIN: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
EYES: Rinse well with water and seek medical advice if discomfort persists.
INGESTION: Give plenty of water/milk. Induce vomiting if patient is conscious. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

FIRE RATING: Combustible - Flash point > 100 - will burn if ignited
FIRE REACTIVITY: Inert - No reaction with fire-fighting water.
FIRE: non hazardous
EXPLOSION: No hazard expected

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5,8 & 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.

SECTION 7. HANDLING AND STORAGE

ACIDIC - CORROSIVE. KEEP OUT OF CONTACT WITH METALS & REACTIVE SUBSTANCES. STORE ONLY IN ORIGINAL CONTAINER
STORE ONLY IN DESIGNATED PLACES.
FIRE: Non hazardous
EXPLOSION: No hazard expected.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA RATING: 2-H-F PPE: Impervious clothing & suitable eye protection
INHALATION: In case of insufficient ventilation, use suitable respiratory protection.
SKIN: Use barrier cream and impervious gloves.
EYES: Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.
INGESTION: Observe the rules of hygiene. Wash before eating, drinking or smoking.
Appropriate hand protection and protective clothing must always be used

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL CLASS: POLYACRYLATE DISPERSANT
APPEARANCE: AQUEOUS DISPERSION
pH: 2 - 8 DENSITY: 1.2 VISCOSITY: 100 CPS NON-VOLATILE: 35 - 50%
FLAMMABILITY: Combustible - Flash point > 100 - will burn if ignited
BOILING POINT/RANGE: >100
SOLUBILITY:- WATER: Miscible OIL: Miscible

SECTION 10. STABILITY AND REACTIVITY

SECTION 11. TOXICOLOGICAL INFORMATION

NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED
LD50 ORAL: mg LD50 SKIN: mg LC50 INHALATION: mg

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL CONSIDERATIONS

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN No.: PACKING GROUP: HAZCHEM CODE: N/A EA CODE:
IMO CLASS:

SECTION 15. REGULATORY INFORMATION

EC INDEX No.: EEC LABEL No. (EINECS/ELINCS):
Irritant
R36/38 Irritating to eyes and skin
S1/2 Keep locked up and out of the reach of children
S24/25 Avoid contact with skin and eyes

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

OELs derived from OHS Act Regulations for Dangerous Chemical Substances dated 25 August 1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991).

All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.
These recommendations were extracted from the EcoChem database using the HAZMAN programme.
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