

K & R International

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MATERIAL SAFETY DATA SHEET

Item No. A-20, A-80, A-1280

1 CHEMICAL PRODUCT IDENTIFICATION

Product Name: Accelerator

2 COMPOSITION/INFORMATION ON INGREDIENTS.

Chemical Name	CAS Number	WT/WT% Less Than
Acetone	87-84-1	68.0%
N-Butane	106-97-8	14.0%
Propane	74-98-6	15.0%

3 HAZARDS IDENTIFICATION

Harmful if inhaled. Causes skin irritation. Vapors irritating to eyes and respiratory tract. Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion. Extremely Flammable aerosol. Contents under pressure.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause eye irritation.

SKIN CONTACT : May cause skin irritation.

INHALATION: Exposure to high concentrations of vapors may cause dizziness. Breathing Difficulty, headaches or respiratory irritation. Extremely high concentrations May cause drowsiness, staggering, confusion, unconsciousness, coma or death. Intentional misuse by deliberately concentrating and inhaling the contents of This product can be harmful or fatal.

INGESTION: Chronic overexposure to a component or components in this material has been Found to cause effects in laboratory animals. Kidney damage, eye damage. Reports have associated repeated and prolonged overexposure to solvents with Permanent brain and nervous system damage

4 FIRST AID MEASURES

EYECONTACT: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

SKIN CONTACT: Wash thoroughly with soap and water and seek medical attention. Remove Contaminated clothing. Launder contaminated clothing before reuse.

INHALATION: For inhalation overexposure move person to fresh air. If breathing stops, apply Artificial respiration and seek medical attention.

INGESTION: Since this product may contain materials which can cause lung damage if aspirated into The lungs, the decision whether to induce vomiting or not must be made by a physician After careful consideration of all materials ingested.

5 FIRE FIGHTING MEASURES

FLASH POINT: less than -25F

AUTOIGNITION TEMPERATURE: Unknown

EXTINGUISHING MEDIA: DRY CHEMICAL CO2 FOAM

LOWER EXPLOSIVE LIMIT: 1.8%

UPPEREXPLOSIVE LIMIT: 12.8%

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Do not use or store Near sources of heat, sparks or open flame. Keep away from any source of heat such as sunlight, Heaters or stoves that could cause the container to burst. Do not puncture or incinerate. Do not crush Or place in a garbage compactor. Do not store above 120 degrees F. Aerosol containers may explode When exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to A source of ignition and flash back

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment including self-contained Breathing apparatus to avoid inhalation of vapors should be used. Water spray should not be used except To keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles Are preferred.

6 ACCIDENTAL RELEASE MEASURES

CLEAN-UP AND CONTAINMENT: Remove all sources of ignition. Avoid heat, sparks, flames and Anything which could cause fire. Ventilate area of spill and adjacent low lying Areas. Avoid breathing Solvent vapors. Remove with inert absorbent materials and non-sparking tools.

7 HANDLING AND STORAGE

HANDLING: Wash hands thoroughly after handling.

STORAGE: Store in a cool dry area with ventilation suitable for storing materials. Keep away from heat, Sparks and flame. Store in a cool place away from direct sunlight or any source of ignition. Do not store A temperatures above120F.

8 EXPOSURE CONTROLS PERSONAL PROTECTION

ENGINEERING CONTROLS: Sufficient ventilation, in volume and patter, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

RESPIRATORY PROTECTION: If workplace exposure limits are exceeded for any Component (see 2 for hazardous components and exposure limits), a NIOSH/OSHA Approved respirator suitable for components listed is recommended. (Use organic vapor type respirator)

SKIN PROTECTION: Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

EYE PROTECTION: Chemical goggles with side shields or face shield recommended If contact with the eyes is likely.

OTHER PROTECTIVE EQUIPMENT: Appropriate impervious clothing is recommended if Prolonged or repeated contact is likely.

HYGIENIC PRACTICES: Wash hands before eating or smoking. Smoke in designated areas only.

9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: -1F to 133F

ODOR: Solvent odor

APPEARANCE: Opaque liquid

SOLUBILITY IN H2O: Unknown

FREEZE POINT: Unknown

VAPOR PRESSURE: Unknown

PHYSICAL STATE: Gas

VAPOR DENSITY: Heavier than air

ODOR THRESHOLD: Unknown

SPECIFIC GRAVITY: 0.6944

EVAPORATION RATE: Faster than Butyl Acetate

COEFFICIENT OF WATER/OIL DISTRIBUTION: Unknown

10 TABILITY AND REACTIVITY

CONDITION TO AVOID: No information

INCOMPATIBILITY: No information

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce Carbon dioxide, carbon monoxide, and unidentifiable organic materials.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage condition.

11 OXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

12 COLOGICAL INFORMATION

No information.

13 DISPOSAL CONSIDERATIONS

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

14 THER INFORMATION

HMIS RATINGS-HEALTH: 2

FLAMMABILITY: 3

REACTIVITY: 0