

# K & R International

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## MATERIAL SAFETY DATA SHEET

### Item No. **D-20, D-80**

#### 1 CHEMICAL PRODUCT

Product Name: Debonder

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS Number	%	Exposure	AGGIH(TLV)	OSHA(PEL)
Acetone	75-52	99-100	20ppm TWA	100ppm TWA	None

#### 3 HAZARDS IDENTIFICATION

TOXICITY: Possible eye and respiratory irritant. Prolonged inhalation may cause headaches.

Moderately toxic by ingestion. Liquid may dry out skin.

PRIMARY ROUTES OF ENTRY: Inhalation, Ingestion, Contact

SIGNS OF EXPOSURE: Vapors irritate eyes, nose, and throat. Liquid is an eye irritant and may irritate skin.

#### 4 FIRST AID MEASURES

INGESTION: Give water to dilute. Do not induce vomiting. Keep individual calm and seek Medical attention

INHALATION: Remove to fresh air. If symptoms persist, obtain medical attention.

SKIN CONTACTA: Wash in warm water.

EYE CONTACT: Flush with warm water. Seek medical attention.

#### 5 FIREFIGHTING MEASURES

FLASH POINT: Less than -25 F

EXTINGUISHING MEDIA: Foam, Dry Chemical or Carbon Dioxide

UNUSUAL FIRE OR EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: N/A

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITON: Irritating Organic Vapors

#### 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Avoid flame and sparks. Maintain adequate Ventilation. Soak up in an inert absorbent and Store in a closed container until disposal.

## 7 HANDLING AND STORAGE

SAFE STORAGE: Store away from flame and sparks.

HANDLING: Keep container tightly closed. Avoid contact with skin. Avoid breathing Vapors.  
Do not use around heat, spark, or open flame

## 8 PROTECTIVE EQUIPMENT

VENTILATION: Local exhaust ventilation recommended to maintain vapor level below TLV.

RESPIRATORY PROTECTION: Not applicable with good local exhaust.

SKIN: Polyethylene or non reactive gloves.

EYE PROTECTION: Safety glasses or goggles with die shields.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid

ODOR: Sharp pungent

BOILING POINT: 133 F

VAPOR PRESSURE: 181.7 mmHg @68F

VAPOR DENSITY: n/a

EVAPORATION RATE: Slower than ethyl ether

SPECIFIC GRAVITY: .877 @ 77F

SOLUBILITY IN WATER: Miscible

## 10 TABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: will not occur

INCOMPATIBILITY: avoid contact with strong oxidizing agents.

## 11 DISPOSAL CONSIDERATIONS

DISPOSAL PROCEDURES: Incinerate or dispose of in an approved landfill in accordance with  
Local and EPA regulations.

## 12 OTHER INFORMATION

	NFPA Hazard Code	HMIS Hazard Code
Health	2	2
Fire	3	3
Reactivity	2	2
Specific Hazard	Not Applicable	

NFPA/ National Fire Protection Association

HMIS/ National Paint and Coatings Association