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Material Safety Data Sheet

MSDS Form No. : MSDS28262

Item No. : C28262, 28262

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

SLEEVE RETAINER 640

Part # MSDS28262

\*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\*\*

MSDS Name: SLEEVE RETAINER 640

Product CAS: (none)

Product Code:

Synonyms: 28262; 640 HIGH STRENGTH SLEEVE RETAINER; 75620; C28262; SLEEVE RETAINER 640

Company Identification:

Name: Loctite Corporation

Address: 1001 Trout Brook Crossing

Address:

City: Rocky Hill State: CT Zip: 06067-3910

For information, call: 203-571-5100

Emergency Number:

Emergency Agency:

Number:

MSDS Creation Date: 1/1/2003

Supersedes Date: 1/3/1995

Miscellaneous:

CAS#: N/A

CHEMICAL NAME: N/A

PRODUCT TYPE: ANAEROBIC.

\*\*\*\* SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\*

Chemical Name	CAS	MIN	MAX
ACRYLIC ACID	79-10-7	7	7
CUMENE HYDROPEROXIDE	80-15-9	3	3
HYDROXYALKYL METHACRYLATE	27813-02-1	10	10

POLYGLYCOL DIMETHACRYLATE	109-16-0	30	30
POLYURETHANE METHACRYLATE RESIN	(none)	60	60
SACCHARIN	81-07-2	1	1
SUBSTITUTED SILANE	2530-85-0	1	1

**Miscellaneous:**

CHEMICAL NAME:	LIMIT VALUES:
ACRYLIC ACID	N/A
CUMENE HYDROPEROXIDE	N/A
HYDROXYALKYL METHACRYLATE	N/A
POLYGLYCOL DIMETHACRYLATE	N/A
POLYURETHANE METHACRYLATE RESIN	N/A
SACCHARIN	N/A
SUBSTITUTED SILANE	N/A

**EXPOSURE LIMITS (TWA):**

INGREDIENTS:	ACGIH TLV:	OSHA PEL:	OTHER:
HYDROXYALKYL METHACRYLATE	NONE	NONE	3 PPM CEILING
ACRYLIC ACID	2 PPM TWA (SKIN)	10 PPM TWA (SKIN)	1 PPM TWA (SKIN)
	5.9 MG/M3 (SKIN)	30 MG/M3 (SKIN)	3 PPM STEL (SKIN)

INGREDIENTS FOR WHICH NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED ARE NOT LISTED ABOVE.

Lbs of VOC per Gallon Coating (minus water): 2.137

Coating Density (lbs/gal): 0  
 Solvent Density (lbs/gal): 0  
 Percent Solvent (volume): 0  
 Percent Solids (volume): 0  
 Percent Water (volume): 0

\*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\*

NFPA: Health: 2 Fire: 1 Reactivity: 1 Other:  
 HMIS: Health: 2 Fire: 1 Reactivity: 1 Special Protection:

**POTENTIAL HEALTH EFFECTS**

Target Organs:

Eye:  
 SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF EYES.

Skin:  
 SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF SKIN. MAY CAUSE DERMATITIS ON PROLONGED CONTACT  
 IN SENSITIVE INDIVIDUALS. EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: ACRYLIC ACID: DERMATITI  
 S.

**Ingestion:**

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.

**Inhalation:**

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF NOSE AND THROAT. EXISTING CONDITIONS AGGRAVATED  
BY EXPOSURE: ACRYLIC ACID: UPPER RESPIRATORY AND LUNG DISEASES.

**Miscellaneous:**

ALSO REFER TO SECTION 11.

\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\*

**Eye:**

FLUSH AT LEAST 15 MINUTES WITH WATER. OBTAIN MEDICAL ATTENTION.

**Skin:**

WASH WITH SOAP AND WATER.

**Ingestion:**

DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

**Inhalation:**

REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.

**Notes to Physician:**

\*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\*

**Unusual Fire and Explosion Hazards:**

NONE. COMPRESSED GASES: NONE. PRESSURE AT ROOM TEMP: DOES NOT APPLY.

**Special Fire Fighting Procedures:**

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.

**Extinguishing Media:**

CARBON DIOXIDE, FOAM, DRY CHEMICAL.

**Flash Point:**

MORE THAN 200 F (TAG CLOSED CUP)

**Flammable Limits:**

**Lower Limit:**

(LEL): 2.0% ACRYLIC ACID (% BY VOLUME IN AIR)

**Upper Limit:**

(UEL): 8.0% ACRYLIC ACID (% BY VOLUME IN AIR)

**AutoIgnition Temperature:**

General Information:

FLAMMABLE LIMITS: NO DATA

\*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\*

Disposal:

INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS.

Spills/Leaks:

MAINTAIN ADEQUATE VENTILATION. SOAK UP IN AN INERT ABSORBENT. STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL.

\*\*\*\* SECTION 7 - HANDLING and STORAGE \*\*\*\*

Handling:

AVOID PROLONGED SKIN CONTACT. KEEP AWAY FROM EYES. AVOID PROLONGED BREATHING OF VAPORS.

Storage:

STORE BELOW 100 F. (CONTACT LOCTITE CUSTOMER SERVICE 1-800-243-4874 FOR SHELF LIFE INFORMATION

\*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\*

Engineering Controls:

LOCAL EXHAUST: NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.  
MECHANICAL (GENERAL): NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.  
SPECIAL VENTILATION: NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.  
OTHER VENTILATION: SUFFICIENT TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

Eyes:

SAFETY GLASSES OR GOGGLES.

Skin:

PROTECTIVE GLOVES: RUBBER OR PLASTIC GLOVES.

Clothing:

AND OTHER PROTECTIVE EQUIPMENT: NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.

Respirators:

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.

\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*

Appearance/Odor:

GREEN LIQUID; SHARP, IRRITATING ODOR.

pH: DOES NOT APPLY

Vapor Pressure: (MM HG): LESS THAN 10 AT 80 F

Vapor Density: (AIR=1): NOT AVAILABLE

Evaporation Rate: (ETHER=1): NOT AVAILABLE.

Viscosity:

Boiling Point: MORE THAN 300 F

Freezing/Melting Point:

Decomposition Temperature:

Solubility: IN WATER: SLIGHT

Specific Gravity: 1.12

Molecular Formula: N/A

Molecular Weight:

Miscellaneous:

% VOLATILE/VOLUME: NO DATA.

SPECIFIC GRAVITY (H2O=1): 1.12 AT 75 F.

VOLATILE ORGANIC COMPOUND (EPA METHOD 24): 22.9%; 256.48 G/L.

\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

Chemical Stability:

STABLE: YES

Conditions to Avoid:

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.

Incompatibilities with Other Materials:

NONE.

Hazardous Decomposition Products:

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP: IRRITATING ORGANIC VAPORS.

NON-THERMAL: NONE.

Hazardous Polymerization:

MAY OCCUR: NO

\*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*

Toxicological Information:

TOXICITY:

LIQUID IS AN EYE AND SKIN IRRITANT.

VAPORS MAY IRRITATE EYES, NOSE AND THROAT.

ESTIMATED ORAL LD50 MORE THAN 5000 MG/KG.

ESTIMATED DERMAL LD50 MORE THAN 2000 MG/KG.

PRIMARY ROUTES OF ENTRY: NONE KNOWN.

## LITERATURE REFERENCED:

## INGREDIENTS:

POLYURETHANE METHACRYLATE RESIN  
 POLYGLYCOL DIMETHACRYLATE  
 HYDROXYALKYL METHACRYLATE  
 ACRYLIC ACID  
 CUMENE HYDROPEROXIDE

SACCHARIN

SUBSTITUTED SILANE

## TARGET ORGAN AND OTHER

## HEALTH EFFECTS:

NO DATA  
 ALLERGEN; IRRITANT  
 ALLERGEN; IRRITANT  
 ALLERGEN; CORROSIVE; IRRITANT  
 ALLERGEN; CENTRAL NERVOUS SYSTEM  
 CORROSIVE; IRRITANT; MUTAGEN  
 NO DATA  
 IRRITANT

## CARCINOGENICITY:

## INGREDIENTS:

POLYURETHANE METHACRYLATE RESIN  
 POLYGLYCOL DIMETHACRYLATE  
 HYDROXYALKYL METHACRYLATE  
 ACRYLIC ACID  
 CUMENE HYDROPEROXIDE  
 SACCHARIN  
 SUBSTITUTED SILANE

## CARCINOGEN:

## NTP: IARC: OSHA:

NO	NO	NO
NO	NO	NO
NO	NO	NO
NO	N/A	NO
NO	NO	NO
YES	2B	NO
NO	NO	NO

N/A: NOT APPLICABLE

2B: POSSIBLY CARCINOGENIC TO HUMANS.

## \*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

## Ecological Information:

## \*\*\*\* SECTION 13 - OTHER PRECAUTIONS \*\*\*\*

## Other Precautions:

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.

## Work/Hygienic Practices:

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER.

## \*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\*

## Transportation Information:

CATEGORY: UNRESTRICTED

## SHIPPING REGULATIONS:

DOT (49 CFR 172):

DOMESTIC GROUND TRANSPORT:

PROPER SHIPPING NAME: UNRESTRICTED.  
HAZARD CLASS OR DIVISION: UNRESTRICTED.  
IDENTIFICATION NUMBER: NONE.  
MARINE POLLUTANT: NONE.

IATA:  
PROPER SHIPPING NAME: UNRESTRICTED.  
CLASS OR DIVISION: UNRESTRICTED.  
UN OR ID NUMBER: NONE.

Label Information:

\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\*

Regulatory Information:  
SARA TITLE III INFORMATION:  
THIS PRODUCT CONTAINS AN INGREDIENTS(S) REPORTABLE UNDER SARA TITLE III, SECTION 313 REPORTING.

\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\*

Additional Information:  
ITEM NO: 64040  
PART NO: 64040