

Revision Date: 09/12/2008

Issue date: 09/12/2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	548(TM) GASKET ELIMINATOR(R) ASIA FLANGE SEALEANT STICK	Item No. :	40393 / IDH No. 731750
Product type:	Anaerobic Adhesive	Region:	United States
Company address:	Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	Contact Information:	Telephone: 860.571.5100 Emergency telephone: 860.571.5100 Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyurethane methacrylate resin Unknown	30-60	None	None	None
Polyglycol dimethacrylate Proprietary	30-60	None	None	None
Thixotropic agent UNKNOWN	5-10	None	None	None
Acrylic acid 79-10-7	1-5	2 ppm TWA (skin)	10 ppm TWA; 30 mg/m ³	1 ppm TWA (skin); 3 ppm STEL (skin)
Cumene hydroperoxide 80-15-9	1-5	None	None	1 ppm (6 mg/m ³) Skin (WEEL)
Silica, amorphous, fumed, crystalline-free 112945-52-5	1-5	10mg/m ³ TWA inhalable 3mg/m ³ TWA respirable	6mg/m ³ TWA	None
1-Acetyl-2-phenylhydrazine 114-83-0	0.1-1	None	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Solid
Color: Orange
Odor: Sharp

HMIS:

HEALTH: 2*
FLAMMABILITY: 1
PHYSICAL HAZARD: 1
Personal Protection: See Section 8

WARNING: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION
MAY CAUSE ALLERGIC SKIN REACTION.
MAY BE HARMFUL IF SWALLOWED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause irritation to nose and throat.
Skin contact: Irritating to skin. May cause allergic skin reaction.
Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion: May cause gastrointestinal tract irritation if swallowed.

Item No. : 40393 / IDH No. 731750

Product name: 548(TM) GASKET ELIMINATOR(R) ASIA FLANGE SEALEANT
STICK

Existing conditions aggravated by exposure:

Eye, skin, and respiratory disorders. Acrylic acid: Respiratory disorders. Lung disease.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms develop and persist, get medical attention.
Skin contact:	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Eye contact:	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	Not classified as a flammable solid per DOT Classification Guidelines Part 173 Appendix H 7/10/2002.
Autoignition temperature:	Not available
Flammable/Explosive limits-lower %:	Not available
Flammable/Explosive limits-upper %:	Not available
Extinguishing media:	Foam, dry chemical or carbon dioxide.
Special fire fighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent product from entering drains or open waters.
Clean-up methods:	Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors.
Storage:	For safe storage, store at or below 38°C (100°F).
Incompatible products:	Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Skin protection:	Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.
Eye/face protection:	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

Item No. : 40393 / IDH No. 731750

Product name: 548(TM) GASKET ELIMINATOR(R) ASIA FLANGE SEALEANT STICK

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Color:	Orange
Odor:	Sharp
Vapor pressure:	Not available
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	1.1274
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Not soluble
Partition coefficient (n-octanol/water):	Not available
VOC content:	0.8911%; 8.5060 grams/liter

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.
Incompatibility:	Strong oxidizers. Strong reducing agents. Strong alkalis. Other polymerization initiators.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Acute LD50 (oral) :Greater than 5000 (rat). (estimated). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyurethane methacrylate resin Unknown	No	No	No
Polyglycol dimethacrylate Proprietary	No	No	No
Thixotropic agent UNKNOWN	No	No	No
Acrylic acid 79-10-7	No	No	No
Cumene hydroperoxide 80-15-9	No	No	No
Silica, amorphous, fumed, crystalline-free 112945-52-5	No	No	No
1-Acetyl-2-phenylhydrazine 114-83-0	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Polyurethane methacrylate resin Unknown	Allergen, Irritant
Polyglycol dimethacrylate Proprietary	Allergen, Irritant
Thixotropic agent UNKNOWN	No data
Acrylic acid 79-10-7	Allergen, Corrosive, Irritant, Kidney, Liver
Cumene hydroperoxide 80-15-9	Allergen, Central nervous system, Corrosive, Irritant, Mutagen
Silica, amorphous, fumed, crystalline-free 112945-52-5	Nuisance dust
1-Acetyl-2-phenylhydrazine 114-83-0	Allergen, Blood, Kidney, Mutagen, Some evidence of carcinogenicity

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None
Marine pollutant: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification:	None above reporting de minimus.
CERCLA/SARA Section 302 EHS:	None above reporting de minimus.
CERCLA/SARA Section 311/312:	Immediate Health Hazard, Delayed Health Hazard
CERCLA/SARA 313:	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene hydroperoxide (CAS# 80-15-9) . Acrylic acid (CAS# 79-10-7).
California Proposition 65:	This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status:	Contains one or more components listed on the Non-Domestic Substances list.
WHMIS hazard class:	D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 15

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.