CHEMTOOL INCORPORATED

MATERIAL SAFETY DATA SHEET
CAT BEARING MOUNT COMPOUND

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	CAT BEARING MOUNT COMPOUND
Product number	Chemtool, 8427400000, 8428900000, Caterpillar, 4C-4032, 7M-7456
SUPPLIER	Chemtool Incorporated P.O. Box 538 8200 Ridgefield Road Crystal Lake, IL 60039-0538 USA Tel: (815) 459-1250 Fax: (815) 459-1955
EMERGENCY TELEPHONE	Rocky Mountain Poison Center Denver, Colorado In USA and Canada - (800) 458-5924 Outside USA and Canada - +01-303-893-1322
***Date of last issue**	2008-11-06

2. COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	WEIGHT
*2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER	109-16-0	40-60 %
*2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER	868-77-9	10-20 %
*1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE (COMMON NAME: SACCHARIN)	81-07-2	1-3 %

* This chemical(s) is hazardous according to OSHA/WHIMIS criteria

***COMPOSITION COMMENTS**	Refer to section eight for exposure limits on ingredients. Chemical ingredients not regulated by OSHA, SARA, state or federal agencies are treated confidentially.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Irritating to eyes and skin. May cause sensitisation by skin contact.

INHALATION

No specific health warnings noted.

INGESTION	No specific health warnings noted.
SKIN	Irritating to skin.
EYES	Irritating to eyes.
SENSITIZATION	May cause sensitization, an allergic reaction, which becomes evident on reexposure to this chemical.
TERATOGENICITY	No known information.
HEALTH WARNINGS	EYE CONTACT. Irritating. SKIN CONTACT. Mild dermatitis, allergic skin rash.
ROUTE OF ENTRY	Skin and/or eye contact. Inhalation.

4. FIRST AID MEASURES

INHALATION	Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
EYES	Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.
SKIN	Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
INGESTION	DO NOT induce vomiting. Get medical attention immediately. Do not give victim anything to drink if he is unconscious.

5. FIRE FIGHTING MEASURES

FLASH POINT (°C)	99 (210 F) TCC (Tag closed cup).
FLAMMABILITY LIMIT - LOWER(%)	N/D
FLAMMABILITY LIMIT - UPPER(%)	N/D
EXTINGUISHING MEDIA	Use: Carbon dioxide (CO2). Foam. Dry chemicals.
SPECIAL FIRE FIGHTING PROCEDURES	Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.
HAZARDOUS COMBUSTION PRODUCTS	Irritating gases/vapors/fumes. Oxides of: Carbon. Nitrogen.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES	Carefully collect spilled material in closed containers and leave for disposal according to local regulations. Provide good ventilation. Use appropriate protective clothing. Rinse area with water. Do not let washing down water contaminate ponds or waterways.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS	Keep away from heat, sparks and open flame. Provide good ventilation. Containers to be kept tightly closed. Avoid spilling, skin and eye contact.
STORAGE PRECAUTIONS	Keep away from heat, sparks and open flame. Store below 75°F. Store isolated from oxidizing materials.
STORAGE CRITERIA	Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

***INGREDIENT COMMENTS**	No exposure limits indicated for ingredient(s).

PROTECTIVE EQUIPMENT

VENTILATION	No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.
RESPIRATORS	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
PROTECTIVE GLOVES	For prolonged or repeated skin contact use suitable protective gloves.
EYE PROTECTION	Use eye protection.
PROTECTIVE CLOTHING	Wear appropriate clothing to prevent repeated or prolonged skin contact.
HYGIENIC WORK PRACTICES	Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE	Liquid.		
COLOR	Green.		
ODOR	Mild (or faint).		
SOLUBILITY DESCRIPTION	Slightly soluble in water.		
BOILING POINT (°C, range)	> 149 (300°F)	**Pressure**	
MELT./FREEZ. POINT (°C, interval)	N/D		
SPECIFIC GRAVITY	1.1		
VAPOR DENSITY (air=1)	N/D		
VAPOR PRESSURE	< 5 mmHg	**Temperature (°C)**	25 (77°F)
EVAPORATION RATE	N/D	**Reference**	

10. STABILITY AND REACTIVITY

STABILITY	Normally stable.
CONDITIONS TO AVOID	Avoid contact with acids and oxidizing substances.
HAZARDOUS POLYMERIZATION	Will not polymerize.
HAZARDOUS DECOMPOSITION PRODUCTS	No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION No experimental toxicological data on the preparation as such is available.

COMPONENT	**2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER**
TOXICOLOGICAL DATA	Irritating effects. WHMIS (Canada) D2B - R36/38 Sartomer
TOXIC DOSE - LD 50	No Information Available (NIA).
TOXIC CONC. - LC 50	No Information Available (NIA).
SENSITIZATION	May cause sensitization, an allergic reaction, which becomes evident on reexposure to this chemical.

COMPONENT	**2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER**
TOXICOLOGICAL DATA	Irritating effects. WHMIS (Canada) D2B - R36/38, R43 csst.qc.ca
TOXIC DOSE - LD 50	5050 mg/kg (oral rat)
TOXIC DOSE - LD 50 SKIN	> 5000 mg/kg (skn rbt)
TOXIC CONC. - LC 50	No Information Available (NIA).
SENSITIZATION	May cause sensitization, an allergic reaction, which becomes evident on reexposure to this chemical.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION No data on possible environmental effects have been found.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Dispose of in accordance with Local Authority requirements. Confirm disposal procedures with environmental engineer and local regulations.

14. TRANSPORT INFORMATION

DOT HAZARD CLASS Non-Hazardous (No label required).

***TDGR CLASS** Not Regulated.

SEA TRANSPORT NOTES Not regulated per IMDG.

AIR TRANSPORT NOTES Not regulated per IATA.

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

COMPONENT	SARA 302	CERCLA	SARA 313
2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER	No	No	No
2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER	No	No	No
1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE (COMMON NAME: SACCHARIN)	No	100 lbs	Yes

See Section 2 for Addtional Information

CLEAN AIR ACT

***SARA HAZARD CATEGORIES** Acute Chronic

US STATE REGULATIONS

COMPONENT	CA	MA	FL	MN	NJ	PA	RI
1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE (COMMON NAME: SACCHARIN)	No					ESHS	

***STATE REGULATORY STATUS**

CALIFORNIA PROPOSITION 65: This product ***DOES NOT*** contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity, and for which warnings are now required.
PENNSYLVANIA RIGHT-TO-KNOW: This product contains the following chemicals that the state of Pennsylvania has identified as Special Hazardous Substances (SHS), Environmental Hazards (EH), or both (ESHS). The PA regulations require that the MSDS identify all SHS or EH chemicals by chemical name, common name, and CAS Number if they comprise 0.01% or more.
1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, Environmental and Special Hazards, CAS# 81-07-2
Hydroperoxide, 1-methyl-1phenylethyl, Environmental Hazard, CAS# 80-15-9 <1.0%

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

***LABEL(S) FOR SUPPLY**

CONTROLLED PRODUCT CLASSIFICATION D2B - Irritating and/or Chronically Toxic Materials

Risk phrases R-36/38 Irritating to eyes and skin.
R-43 May cause sensitization by skin contact.

GLOBAL INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	PHLP	CHN
2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER	DSL	Yes	EINECS	Yes	Yes	Yes	Yes	Yes
2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER	DSL	Yes	EINECS	No	No	No	No	No
1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE (COMMON NAME: SACCHARIN)	DSL	Yes	EINECS	No	No	No	No	No

CANADA CEPA: All components of this product comply with new substance notification requirements under the Canadian Environmental Protection Act (CEPA).

16. OTHER INFORMATION

NFPA-HMIS HAZARD RATING

HEALTH Temporary incapacitation, injury (2) - HMIS/NFPA

FLAMMABILITY Burns only if pre-heated (1) - HMIS/NFPA

REACTIVITY Normally Stable (0) - HMIS/NFPA

PERSONAL PROTECTION INDEX B - Safety Eyewear and Gloves

***Tariff Code (Schedule B)** 3214.90.0000 Other non-refractory surfacing preparations for façades, indoor walls, floors, ceilings or the like.

PREPARED BY James P. McBriarty

***Replacement of MSDS generated** 2007-03-22

***DATE** 2008-11-06

DISCLAIMER While the information and recommendations set forth herein are believed to be accurate as of the date thereof, the company makes no warranty with respect thereto and disclaims all liability from reliance therein.

*** Information revised since previous MSDS version**

PRINTING DATE: 2008-11-06