

PRODUCT: CRTV1488

SILICONE RUBBER COMPOUND

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:

Whole Energy & Hardware
1620 Old Audubon Road
Chaska Mn 55318

EMERGENCY PHONE (24 HRS)

(612) 448-7488

SUPPLIED BY:

Whole Energy & Hardware
1620 Old Audubon Road
Chaska Mn 55318

EMERGENCY PHONE (24 HRS)

(612) 448-7488

REVISED: 02/06/96

PREPARER: CE HANN

CHEMICAL FAMILY/USE: SILICONE RUBBER

FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	STEL	OSHA PEL TWA	STEL	UNITS
A. HAZARDOUS						
METHYLTRIACTOXSILANE 4253-34-3	1-5	10(R)	NE	10(R)	NE	PPM
B. NON-HAZARDOUS						
POLYDIMETHYLSILOXANE SILANOL/STPD 70131-67-8	60-80	-	NE	-	NE	-
TRADE SECRET COMPONENT	5-10	NF	NE	NF	NE	NA
TRADE SECRET COMPONENT	5-10	10	NE	15	NE	MG/M3

See Section 15 for description of any WHMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

White Solid

Vinegar odor

Avoid contact with eyes.

May irritate the skin.

Uncured product contact irritates eyes.

Refer to other MSDS sections for detailed information.

POTENTIAL HEALTH EFFECTS:

INGESTION:

May be harmful if swallowed.

SKIN CONTACT:

Uncured product contact will irritate lips, gums and tongue.

Uncured product contact may irritate the skin.

INHALATION:

Causes irritation of the mouth, nose, and throat.

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Applies only in uncured state.

EYE CONTACT:

Uncured product contact irritates eyes.

MEDICAL CONDITIONS AGGRAVATED:

None known.

SUBCHRONIC (TARGET ORGAN) EFFECTS:

None known.

CHRONIC EFFECTS/CARCINOGENICITY:

This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

PRODUCTS/INGREDIENTS

This space reserved for special use.

PRINCIPLE ROUTES OF EXPOSURE:

Dermal - skin.

Eyes.

Inhalation.

OTHER:

Acetic acid released during curing.

This product contains Methylpolysiloxanes which can generate Formaldehyde at approximately 300 degrees fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

4. FIRST AID MEASURES

INGESTION:

Rinse mouth with water several times.

SKIN:

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.

Get medical attention if irritation persists.

INHALATION:

Move person to fresh air.

EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN:

None known.

5. FIRE FIGHTING MEASURES

FLASH POINT:

NA

(C) NA

(F)

METHOD :

NA

IGNITION TEMP :

UNK

(C) UNK

(F)

FLAMMABLE LIMITS IN AIR - LOWER (%):

UNK

FLAMMABLE LIMITS IN AIR - UPPER (%):

UNK

SENSITIVITY TO MECHANICAL IMPACT (Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA:

All standard firefighting media

SPECIAL FIREFIGHTING PROCEDURES:

None known.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wipe, scrape or soak up in an inert material and put in a

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container for disposal.

Wash walking surfaces with detergent and water to reduce slipping hazard.

Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes.

Caution!

Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation.

Product releases acetic acid during application and curing.

Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.

Uncured product contact irritates eyes.

Uncured product contact may irritate skin.

Use in a well ventilated area to prevent irritation by vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Eyewash stations.

Use in a well ventilated area.

RESPIRATORY PROTECTION:

Use in a well ventilated area.

Use approved NIOSH respiratory protection if TLV exceeded.....

Or over exposure is likely.

PROTECTIVE GLOVES:

Cloth gloves.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

None known.

VENTILATION:

Use only in well ventilated area.

Mechanical ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE(20 C)(MM HG):	:	NA		
VAPOR DENSITY (AIR=1)	:	NA		
FREEZING POINT	:	NA	(C) NA	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	SOLID		
ODOR	:	ACETIC ACID		
COLOR	:	TRANSLUCENT		
ODOR THRESHOLD (PPH)	:	UNK		
% VOLATILE BY VOLUME	:	<8		
EVAP. RATE(BUTYL ACETATE=1):	:	<1		
SPECIFIC GRAVITY (WATER=1)	:	1.04		
DENSITY (KG/M3)	:	1040		
ACID/ALKALINITY (MEQ/G)	:	NA		
PH	:			

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VOC (EPA METH.24) (G/L) :	NA
SOLUBILITY IN WATER (20 C) :	16
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	INSOLUBLE
	TOLUENE

10. STABILITY AND REACTIVITY

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:	
Carbon monoxide.	
Carbon dioxide.	
Silicon dioxide.	
Acetic acid.	
Formaldehyde.	
INCOMPATIBILITY (MATERIALS TO AVOID):	
None known.	
CONDITIONS TO AVOID:	
None known.	

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:	
ACUTE ORAL LD50 (MG/KG):	UNKNOWN
ACUTE DERMAL LD50 (MG/KG):	UNKNOWN
ACUTE INHALATION LC50 (MG/L):	UNKNOWN
OTHER:	
None.	
AMES TEST:	UNKNOWN

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:
Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME:	NONE
DOT HAZARD CLASS:	NONE
DOT LABEL(S):	NONE
UN/NA NUMBER:	NONE
PLACARDS:	NONE
IATA:	
NA	
IMO IMDG-code:	NONE
EUROPEAN CLASS:	
RID (OCTI):	NONE
ADR (ECE) :	NONE
RAR (IATA):	NONE

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15. REGULATORY INFORMATION

SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS:

ACUTE HEALTH HAZARD

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION:

IRRITANT

WHMIS HAZARD CLASS:

D2B TOXIC MATERIALS

WHMIS TRADE SECRET:

None

EXPORT:

SCHDLE B/HTSUS:

3910.00 Silicones in Primary Form

ECCN:

1C96G

HAZARD RATING SYSTEMS

HMIS

FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2

NFPA

FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2

CALIFORNIA PROPOSITION 65:

NONE

16. OTHER INFORMATION

This product or its components are on the European inventory of existing commercial chemicals (EINECS).....

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These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.....

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C = ceiling limit NEGL = negligible
EST= estimated NF = none found
NA = not applicable UNKN = unknown
NE = none established REC = recommended
ND = none determined V = recomm. By vendor
By-product = reaction by- SKN = skin
product, TSCA inventory TS = trade secret
status not required under R = recommended
40 CFR part 720.30(h-2) MST = mist
STEL = short term exposure NT = not tested
limit
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DATE PRINTED: 05/29/96

*** END OF MSDS ***