



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
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**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

1. IDENTIFICATION

Product Identifier

Trade Name: Double Bubble Silicone Adhesive

Part Number: 74431

Relevant Identified Uses of the Substance or Mixture:
Sealant

Application of the Substance / the Mixture: Sealant

Revision Date: April 27, 2015

Details of the Supplier of the Safety Data Sheet

Manufactured for: Chromate Industrial Corporation,
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2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2b H320 Causes eye irritation.

Label elements

GHS label elements: This product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms

GHS07

Signal word: Warning

Hazard statements: Causes skin and eye irritation.

Precautionary statements:

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see on this label).

Take off contaminated clothing and wash before reuse.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

2. HAZARD(S) IDENTIFICATION CONTINUED

Classification system:

NFPA ratings (scale 0 - 4)

Health=2
Fire=1
Reactivity=0

HMIS-ratings (scale 0 - 4)

Health=2
Fire=1
Physical Hazard=0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Job-Size Double-Bubble® Packages

Silicone Adhesive/Sealant (Brown and White Package)

Dangerous Components: For Trade Secret information refer to 29 CFR 1910.120.

	Silicone	50-100%
	Amorphous Fumed Silica	2.5-10%
4253-34-3	methylsilanetriyl triacetate	2.5-10%

4. FIRST-AID MEASURES

Description of first aid measures

After inhalation: Remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

After skin contact: Wipe excess from skin. Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.

After swallowing: Call a doctor immediately. Seek medical treatment.

Information for doctor:

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents:

Use water fog, dry chemical, foam, Carbon Dioxide. Use fire fighting measures that suit the environment.

Advice for firefighters

Protective equipment: Protective clothing and respiratory protective device.

Additional information: During a fire product may release carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide and formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Wear protective clothing.

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up: Clean up area as appropriate since spilled materials, even in small quantities, may prevent a slip hazard.

Reference to other sections: Contaminated areas, even with small amounts of material, may present a slip hazard. Product evolves acetic acid when exposed to water or humid air.

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Use only in well ventilated areas.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location away from direct heat.

Information about storage in one common storage facility: Keep away from open flames and high temperatures. Store away from water.

Further information about storage conditions: Store in a cool place.

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical systems: No further data.

Control parameters

Components with limit values that require monitoring at the workplace:

Acetic Acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within established guidelines.

OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15ppm.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment (see listings below)

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment: Not necessary if room is well-ventilated.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Material of gloves:

Nitrile rubber, NBR

Chloroprene rubber, CR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses with side shields.

Body protection: Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance:

Form: Paste.

Color: Whitish.

Odor: Characteristic.

Odour threshold: Not determined.

pH-value: Not determined.

Change in condition

Melting point: Undetermined.

Boiling point: Undetermined.

Flash point: >121°C (>250°F)

Flammability (solid, gaseous): Not applicable

Ignition temperature:

Decomposition temperature: Not determined

Auto igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Flammable limits:

Lower: Not determined.

Upper: Not determined.

Vapor pressure: Not determined.

Specific gravity at 20°C (68°F): 1.05 g/cm³ (8.762 lbs/gal)

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

Solvent content:

Organic solvents: 0.0%

VOC (Per EPA 24): 82.68 GMS/L

Solids content: 100.0%

Other information: No further relevant information available.

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: Strong oxidizing agents.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Acetic Acid on exposure to moisture or air, Silicon Dioxide, Carbon Oxides. Formaldehyde will form through thermal degradation.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: Skin irritant.

on the eye: Irritating effect. Vapors may be irritating to the eyes.

Sensitization: No sensitizing effects known.

Additional toxicological information: Vapors may be irritating to eyes, nose and throat. The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer): None of the ingredients is listed.

NTP (National Toxicology Program): None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential: No further information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Disposal must be made according to Federal, State and local regulations.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN-Number

DOT, ADR, ADN, IMDG, IATA Void

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA Void

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA
Class Void

Packing group

DOT, ADR, IMDG, IATA Void

Environmental hazards: Not applicable.

Special precautions for user: Not applicable.

**Transport in bulk according to Annex II
of MARPOL73/78 and the IBC Code** Not applicable.

Transport/Additional information: DOT,ADR, IMDG, IATA- Not regulated in transport. Not dangerous according to the above specifications.

UN "Model Regulation": -

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara

Section 355 (extremely hazardous substances): None of the ingredients is listed.

Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Proposition 65

Chemicals known to cause cancer: None of the ingredients listed.

Chemicals known to cause reproductive toxicity: None of the ingredients is listed.

(DSL) Canadian Domestic Substance List: All components of this product are on the DSL (Canada Domestic Substance list) or are exempted from the DSL requirements.

Carcinogenicity categories

EPA (Environmental Protection Agency): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.

MAK (German Maximum Workplace Concentration): None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

National regulations:

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Chromate Industrial Corp. makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Chromate Industrial Corp. or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in this SDS.

Creation Date: 06/19/2013

Date of preparation/last revision 04/21/2015

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B